

2020

Product Portfolio
Professional range
Industrial range



2020

Product Portfolio

Professional range

Industrial range

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Our Offer

Polymaker offers 2 range of products



Professional

The Professional range of products provide filaments with superior properties that deliver a better overall printing experience, ensuring the efficiency of 3D printers and empowering users to create strong and functional 3D printed products.

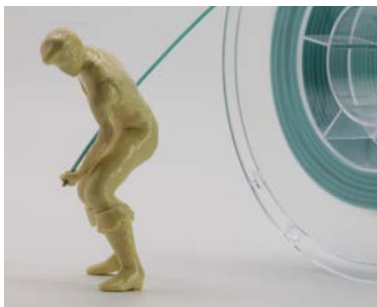


Industrial

The Industrial range of products provide engineering grade materials to unlock the use of 3D printing in multiple industries for new applications. Industrial products can require specific equipments and skills.

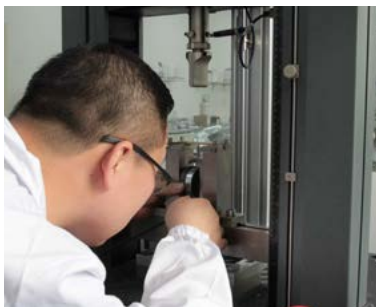


Meet the team and our experience



Who We Are?

Polymaker produces high quality 3D printing materials with a comprehensive range of properties and functions, ranging from high engineering strength to unique aesthetic solutions. We strive to bridge the gap between prototyping and production, by equipping designers and engineers with the best material solutions.



Research & Development

At the core of Polymaker is our research & development. All our materials are designed and fine-tuned from the ground up to offer the best combination of printability and functionality.



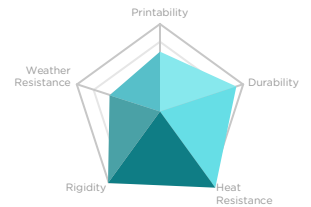
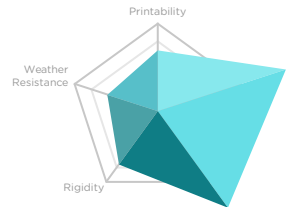
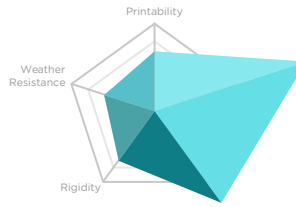
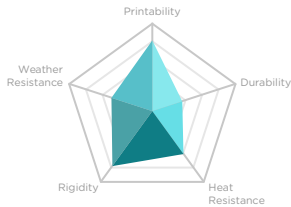
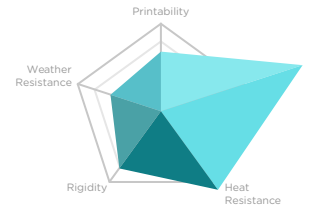
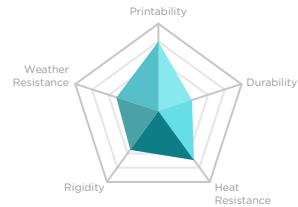
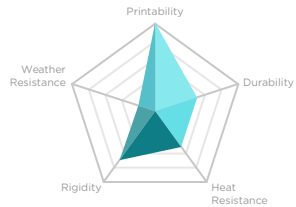
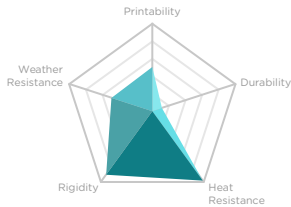
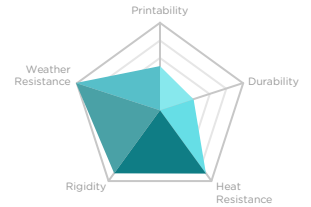
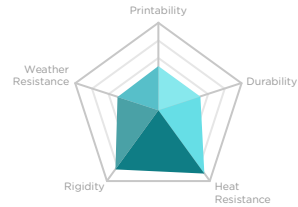
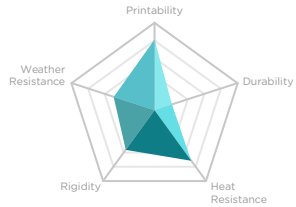
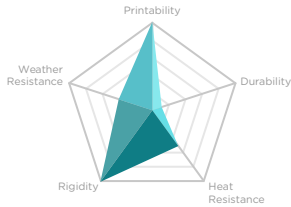
Polymaker Team Worldwide

Polymaker is headquartered in Shanghai, with regional offices located in the USA and The Netherlands. Our materials are available worldwide thanks to our channel partners.





Material Comparison



PolySmooth™

Polymaker™ PC-ABS

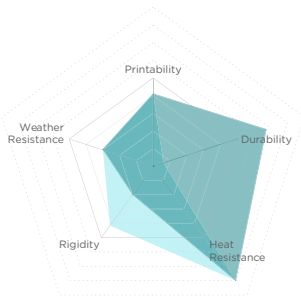
Polymaker™ PC-PBT

PolyMax™ PC-FR



Material Comparison

PolyMide™ CoPA



Printability

The printability of the material is defined by its ease of use and the required equipment.

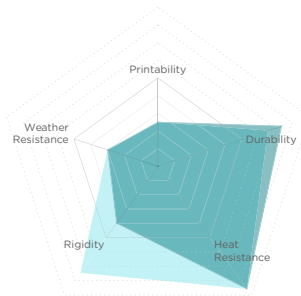
Durability

The durability of the material is defined by its resistance to impact: Charpy impact strength
ASTM D256 (ISO 179, GB/T 1043)

Weather Resistance

The weather resistance of the material is defined by its UV resistance. The data is currently estimated.

PolyMide™ PA6-GF



Heat Resistance

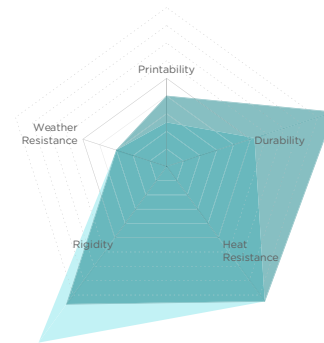
The heat resistance of the material is defined by its VST:
Vicat Softening temperature
ASTM D1525 (ISO 306 GB/T 1633).

*PolyMide™ PA6-CF and PolyMide™ PA6-GF heat resistance are defined by their HDT:
Heat Deflection Temperature
ISO 75 0.45 MPa

Rigidity

The rigidity of the material is defined by its modulus:
Young's modulus
ASTM D638 (ISO 527, GB/T 1040)

PolyMide™ PA6-CF



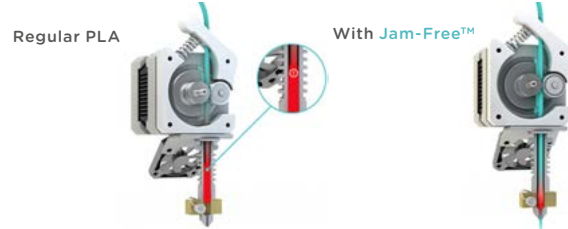
Light blue square: Dry state

Dark blue square: Wet state

Technologies

JAM-FREE™

Jam-Free™ technology improves the heat stability of Polymaker's PLA filaments with softening temperatures over 140 °C. As a result, Polymaker's PLA filaments show minimal softening in the "cold end" and can melt rapidly once entering the heating zone, leading to excellent printing quality with zero risk of nozzle jams.



WARP-FREE™

Warp-Free™ technology enables the production of Nylon-based filaments that can be 3D printed with excellent dimensional stability and near-zero warpage. This is achieved by the fine control of micro-structure and crystallization behavior of Nylon, which enables the material to fully release the internal stress before solidification.



ASH-FREE™

Ash-Free™ technology allows Polymaker's filament which has been designed for investment casting to burn off cleanly without any residue, enabling defect-free metal parts. 3D printing has been used to produce investment casting patterns as it cuts down both the cost and lead time for small-volume production runs.

Without Ash-Free™
Ash content: 0.5%

With Ash-Free™
Ash content: 0.003%

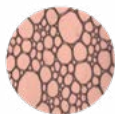




Wood



Stabilized Foaming™



STABILIZED FOAMING™

Stabilized Foaming™ technology is used to produce foamed filaments, whose foam structure can survive the printing process and be inherited by the printed parts. This enables light weight 3D printed parts with unprecedented surface finish.

Rough surface

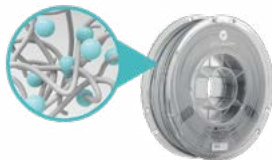


With Layer-Free™



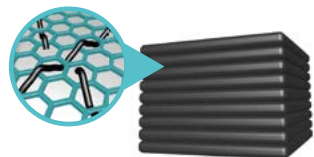
LAYER-FREE™

Layer-Free™ technology involves exposing a 3D printed part to an aerosol of micro-sized alcohol droplets, generated by a rapidly vibrating, perforated membrane called the nebulizer. The aerosol will then be adsorbed by the surface of the 3D printed part rendering it smooth and layer-free.



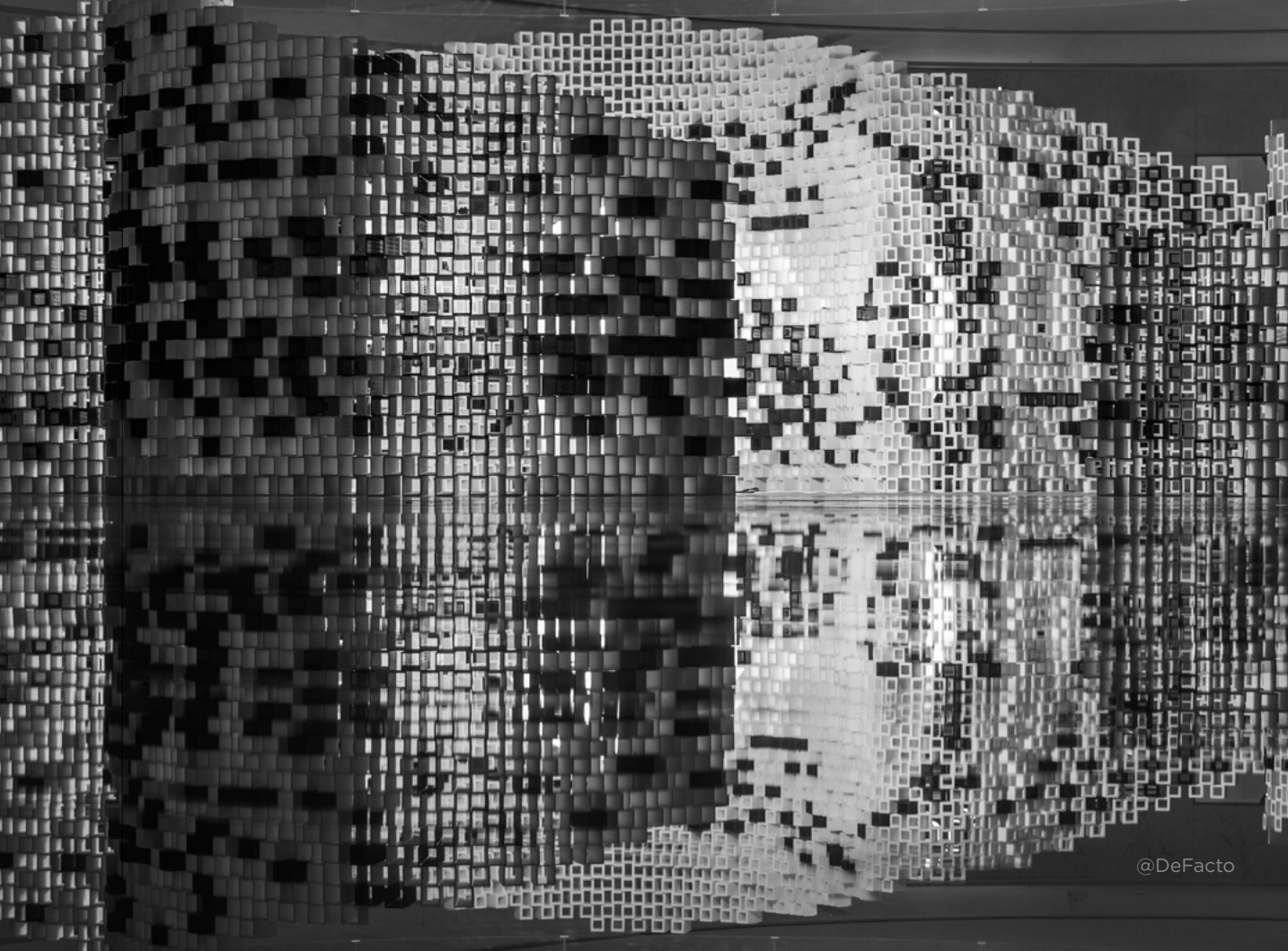
NANO-REINFORCEMENT

Nano-reinforcement technology is applied to produce filaments with excellent mechanical properties and printing quality. It dramatically improves the toughness of the material by increasing its impact resistance.



FIBER ADHESION™

Fiber Adhesion™ technology improves the layer adhesion of fiber reinforced materials, by optimizing the surface chemistry of the fibers to achieve better dispersion and bonding to the matrix. This results in better strength along the Z-axis and reduced mechanical anisotropy.



@DeFacto



PolyLite™ is a family of 3D printing filaments made with the best raw materials to deliver exceptional quality and reliability. PolyLite™ covers the most popular 3D printing materials to meet your everyday needs in design and prototyping.





PolyLite™ PLA

PolyLite™ PLA is a high-quality PLA designed for reliability and ease of printing.





Colors available



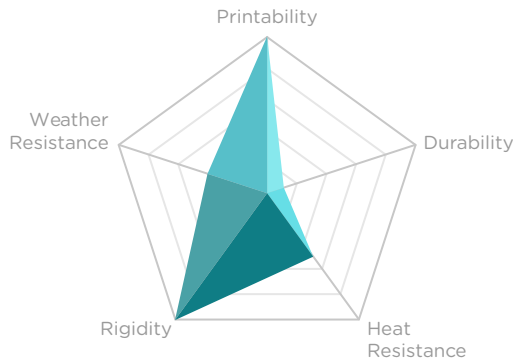
Applications

PolyLite™ PLA is a reliable 3D printing material with a wide variety of colors. It features strength and rigidity, this combination provides ease of printing with good mechanical properties which makes it a good candidate for product design, home gadgets, toys, trinkets, props, cosplay or prototyping.

Printing Settings

Printing temp.: 190-230°C
Printing speed: 40-60mm/s
Bed temp.: 25-60°C
Chamber temp.: N/A
Fan: On
Dry settings: 80°C for 8h
Annealing: N/A

Material Properties



PolyLite™ PLA

Key features



Excellent
printability



Prints
reliably



From
renewable
sources



PolyLite™ PETG

PolyLite™ PETG is an affordable PETG filament with balanced mechanical properties and ease of printing.





Colors available



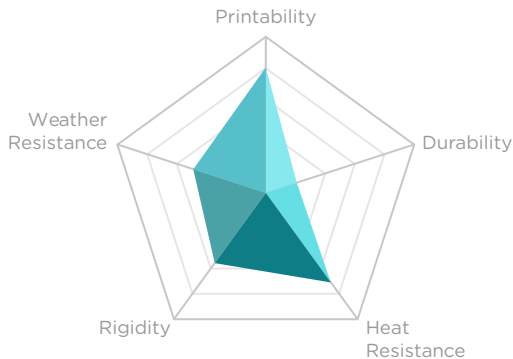
Applications

PolyLite™ PETG is just as easy to print as PolyLite™ PLA while offering an additional 20°C heat resistance and more durability. This lends PolyLite™ PETG to more functional applications where PLA would lack the durability or heat resistance such as lighting fixtures, vibrational parts or more functional product design prototypes.

Printing Settings

Printing temp.: 230-240°C
Printing speed: 30-50mm/s
Bed temp.: 70/80°C
Chamber temp.: N/A
Fan: On
Dry settings: 70°C for 8h
Annealing: N/A

Material Properties



PolyLite™ PETG

Key features



Excellent
all-rounder



Good layer
adhesion



Good light
diffusion



PolyLite™ ABS

PolyLite™ ABS is made with a specialty bulk-polymerized ABS resin, which has significantly lower volatile content compared to traditional ABS resins. It delivers excellent printing quality with minimal odor during printing.



@jroody



Colors available



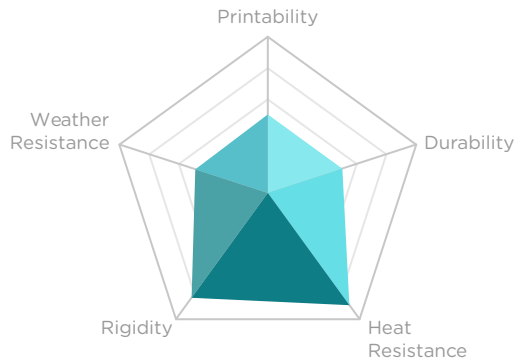
Applications

PolyLite™ ABS is a very durable material, featuring high impact resistance with high heat resistance (~100°C). PolyLite™ ABS is a good choice for mechanical parts featuring in robotics, functional prototyping or home appliance spare parts, however, printing larger parts will require an enclosed printing chamber.

Printing Settings

Printing temp.: 245-265°C
Printing speed: 30-50mm/s
Bed temp.: 90-100°C
Chamber temp.: N/A
Fan: Off
Dry settings: 80°C for 8h
Annealing: N/A

Material Properties



PolyLite™ ABS

Key features



Heat
resistant



Impact
resistant



Machinable



PolyLite™ ASA

PolyLite™ ASA is an alternative to ABS with an improved weather resistance. Its UV resistance and excellent mechanical properties make it the perfect choice for outdoor applications.





Colors available



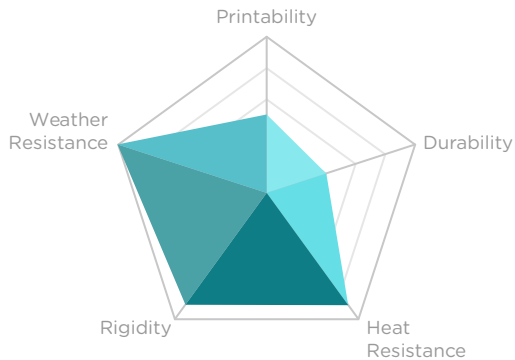
Applications

PolyLite™ ASA has the same mechanical and thermal properties as PolyLite™ ABS with the ability to resist sunlight (UV) and weather in general. Its good weather resistance makes it ideal for outdoor applications such as garden tools, outdoor decoration, parts that are in direct sunlight or exposed to the elements.

Printing Settings

Printing temp.: 240-260°C
Printing speed: 30-50mm/s
Bed temp.: 75-95°C
Chamber temp.: N/A
Fan: Off
Dry settings: 80°C for 8h
Annealing: N/A

Material Properties



PolyLite™ ASA

Key features



UV
resistant



Water
resistant



Good thermal
and mechanical
properties



PolyLite™ PC

PolyLite™ PC is produced using a polycarbonate resin specifically engineered for 3D printing. It delivers good stiffness and heat resistance with light diffusing properties.



@manueldo



Colors available



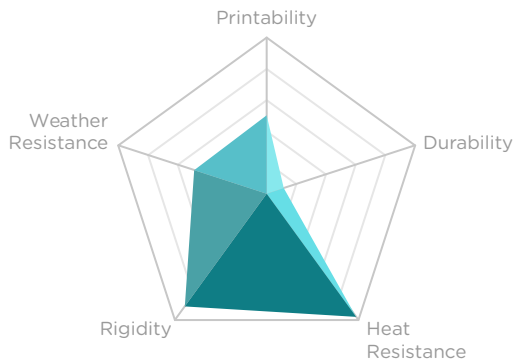
Applications

PolyLite™ PC is an engineering material which offers excellent strength and heat resistance. Its transparency offers good light diffusion which makes it perfect for lighting applications. Its strength can also be used to print utility hooks, brackets or other functional home items.

Printing Settings

Printing temp.: 250-270°C
Printing speed: 30-50mm/s
Bed temp.: 90-105°C
Chamber temp.: N/A
Fan: Off
Dry settings: 80°C for 8h
Annealing: 100°C for 2h

Material Properties



PolyLite™ PC

Key features



Heat resistant



Good light diffusion



Stiff and strong





PolyMax™ is a family of advanced 3D printing filaments produced with Polymaker's Nano-reinforcement technology, to deliver exceptional mechanical properties and printing quality.





PolyMax™ PLA

PolyMax™ PLA is an incredibly easy-to-print filament with improved mechanical properties, making it an excellent alternative to ABS.





Colors available



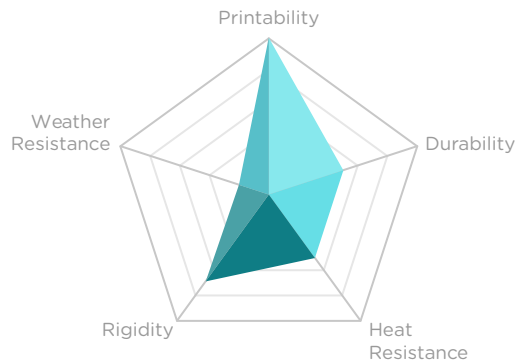
Applications

PolyMax™ PLA prints like PolyLite™ PLA with 5 times the durability! PolyMax™ PLA is the perfect candidate for educational projects or in the professional environment where product design iteration requires a reliable prototyping process and a durable material. PolyMax™ PLA can be used to print prototypes, prosthetics, lifestyle accessories and mechanical parts.

Printing Settings

Printing temp.: 190-230°C
 Printing speed: 40-60mm/s
 Bed temp.: 25-60°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 80°C for 8h
 Annealing: N/A

Material Properties



PolyMax™ PLA

Key features



Extremely tough PLA



Excellent printability



Prints reliably



PolyMax™ PETG

PolyMax™ PETG offers better mechanical properties than any other regular PETG making it a good candidate for a wide range of applications.





Colors available



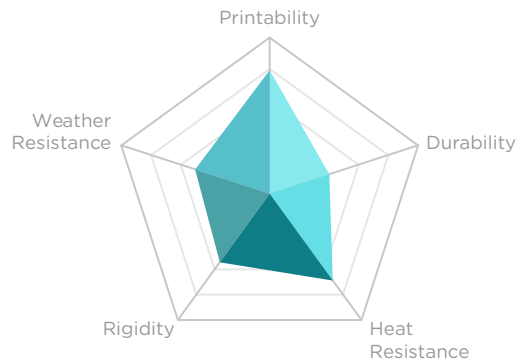
Applications

PolyMax™ PETG is a very good all-rounder providing: ease of printing, heat resistance, durability and strength. It can be used for a wide range of applications covering functional prototyping, end-use products, brackets, spare parts, home gadgets and robotic parts.

Printing Settings

Printing temp.: 230-240°C
 Printing speed: 30-50mm/s
 Bed temp.: 70-80°C
 Chamber temp.: N/A
 Fan: Off
 Dry settings: 70°C for 8h
 Annealing: N/A

Material Properties



PolyMax™ PETG

Key features



Extremely
tough PETG



Excellent
all-rounder



Good layer
adhesion



30

Range: Professional

Material: PolyMax™ PC



PolyMax™ PC

PolyMax™ PC is an engineered PC filament combining excellent strength, toughness, heat resistance and printing quality. It is the ideal choice for a wide range of engineering applications.





Colors available



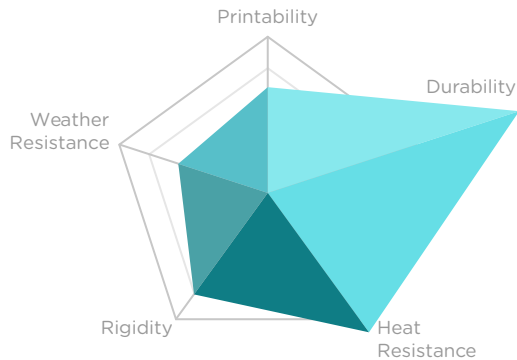
Applications

PolyMax™ PC is an engineering material with excellent heat resistance and outstanding durability. It can be used for more demanding applications involving impact resistance and high vibration such as jigs and fixtures, furniture, small motor brackets, drones, 3D printer parts or prosthetics.

Printing Settings

Printing temp.: 250-270°C
Printing speed: 30-50mm/s
Bed temp.: 90-105°C
Chamber temp.: N/A
Fan: Off
Dry settings: 80°C for 8h
Annealing: 100°C for 2h

Material Properties



PolyMax™ PC

Key features



Extremely
tough PC



Heat
resistant

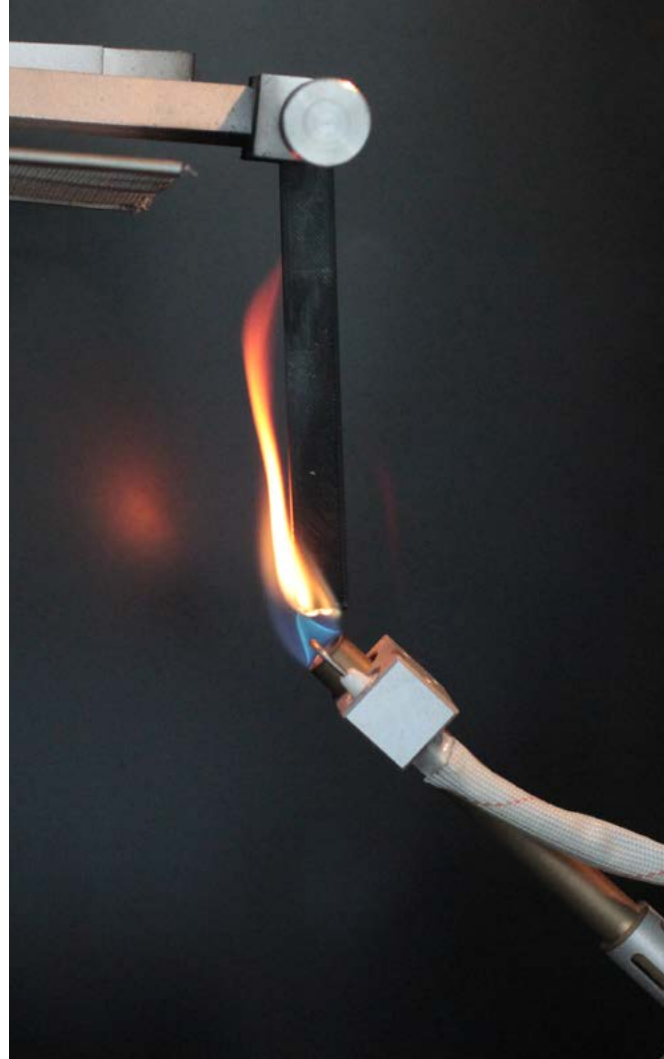


Good layer
adhesion



PolyMax™ PC-FR

PolyMax™ PC-FR is a flame retardant PC filament (UL94V-0/1.5 mm) displaying excellent toughness, strength and heat resistance. This filament opens new applications in the automotive, railway and aerospace industries.





Colors available



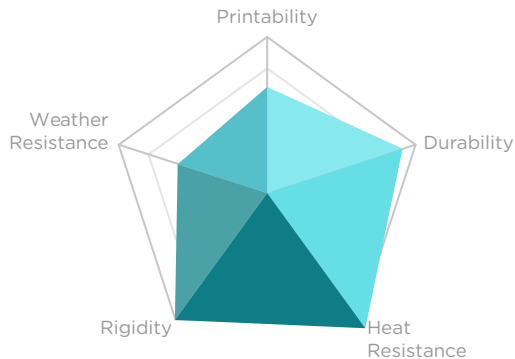
Applications

PolyMax™ PC-FR can reduce the intensity of a fire or slow/stop the spread of fire. PolyMax™ PC-FR satisfies UL 94 (plastics flammability standard) with the highest grading "V-0". Many industries require this material ability such as automotive, railway, aerospace and aeronautical. PolyMax™ PC-FR unlocks 3D printing for these industries where compliance is critical.

Printing Settings

Printing temp.: 250-270°C
 Printing speed: 30-50mm/s
 Bed temp.: 90-105°C
 Chamber temp.: 90-100°C
 Fan: Off
 Dry settings: 80°C for 8h
 Annealing: 100°C for 2h

Material Properties



PolyMax™ PC-FR

Key features



Flame
retardant



Strong
and tough



Heat
resistant



@SamPurdie



PolyFlex™ is a family of high-quality flexible materials. It provides the perfect solution for applications where high flexibility and durability are required.





PolyFlex™ TPU95

PolyFlex™ TPU95 is a thermoplastic polyurethane (TPU) based filament specifically engineered to work on most desktop 3D printers. It has a shore hardness of 95A and can stretch more than 3 times its original length.





Colors available



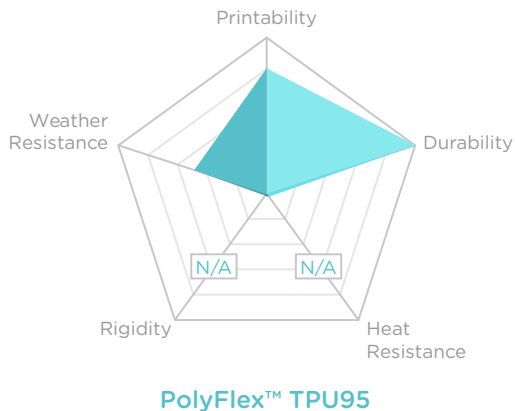
Applications

PolyFlex™ TPU95 is a flexible filament with a shore hardness of 95A. Thanks to 3D printing, a model can be made more or less flexible depending on its design and infill. PolyFlex™ TPU95 can be used in the footwear industry to print upper shoes, soles or insoles, to create flexible jigs and fixtures, and is commonly used to print custom gaskets.

Printing Settings

Printing temp.: 210-230°C
 Printing speed: 20-40mm/s
 Bed temp.: 25-60°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 70°C for 12h
 Annealing: N/A

Material Properties



Key features



Flexible with
shore 95A



Extremely
durable



Good
printability



@XEV



PolyMide™ is a family of Nylon/polyamide based filaments. Produced with Polymaker's Warp-Free™ technology, PolyMide™ filaments deliver engineering properties intrinsic to Nylon and ease of printing.





PolyMide™ CoPA

PolyMide™ CoPA is based on a copolymer of Nylon 6 and Nylon 6,6. The filament combines excellent strength, toughness, and heat resistance of up to 180°C.





Colors available



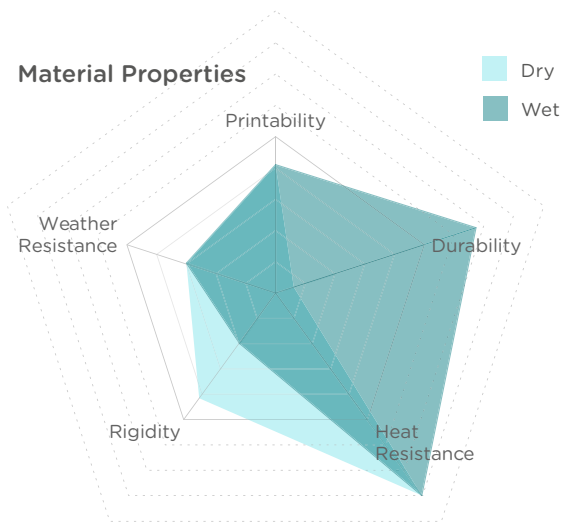
Applications

PolyMide™ CoPA provides excellent strength and a heat resistance up to 180°C. Warp-Free™ technology provides ease of printing with the outstanding mechanical and thermal properties natural to Nylon. PolyMide™ CoPA is suited to parts in very demanding environments such as gears, engine brackets, pipe connectors or high velocity air flows.

Printing Settings

Printing temp.: 250-270°C
 Printing speed: 30-50mm/s
 Bed temp.: 25-70°C
 Chamber temp.: N/A
 Fan: Off
 Dry settings: 80°C for 12h
 Annealing: 70°C for 2h

Material Properties



High heat
resistance



Balanced
mechanical
properties



Dimensionally
stable during
printing



42

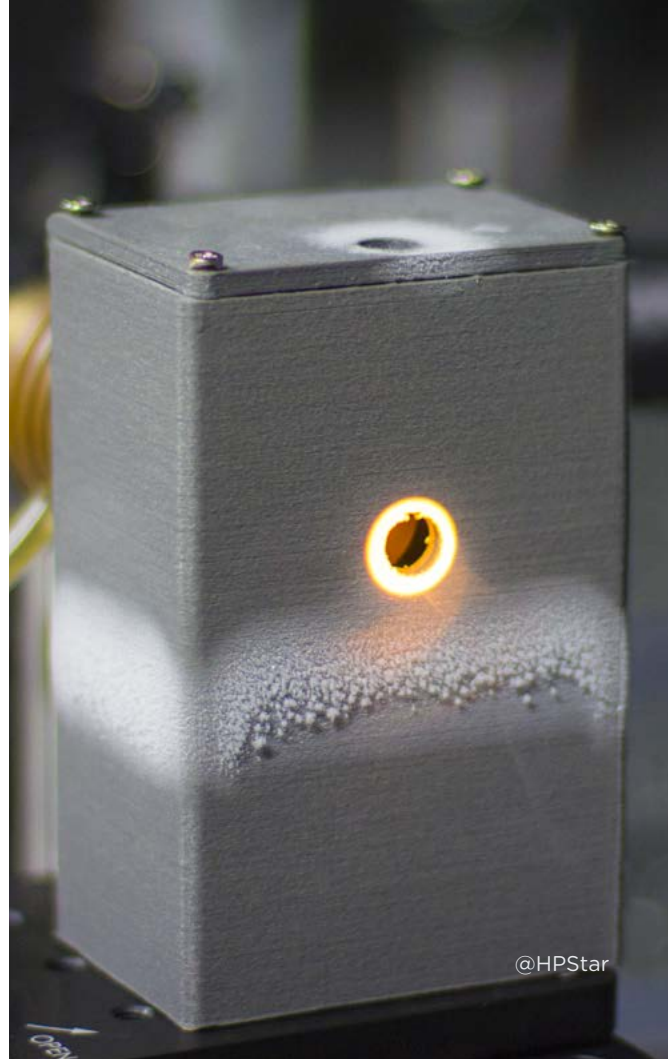
Range: Industrial

Material: PolyMide™ PA6-GF



PolyMide™ PA6-GF

PolyMide™ PA6-GF is a glass fiber reinforced PA6 (Nylon 6) filament. The material exhibits excellent thermal and mechanical properties without sacrificing the layer adhesion.



@HPStar



Colors available



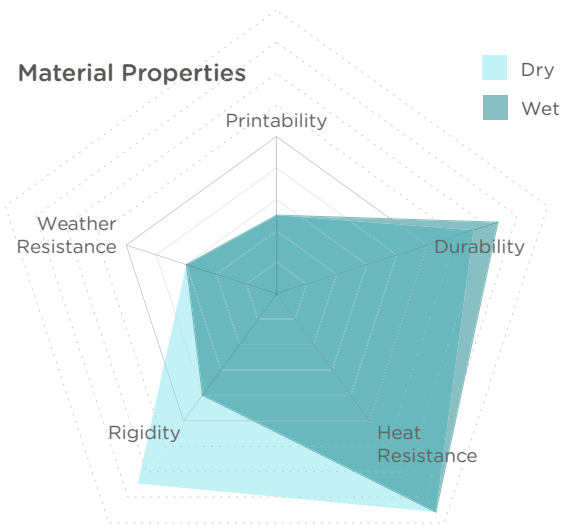
Applications

PolyMide™ PA6-GF is strong, durable and features an excellent heat resistance. It can be used in applications requiring stiffness and durability such as lab equipments, brackets, jigs, fixtures, drone frames or prosthetics.

Printing Settings

Printing temp.: 280-300°C
 Printing speed: 60mm/s
 Bed temp.: 25-50°C
 Chamber temp.: N/A
 Fan: Off
 Dry settings: 80°C for 12h
 Annealing: 70°C for 2h
 *hardened nozzle required

Material Properties



High heat resistance



Excellent isotropic mechanical properties



Dimensionally stable during printing



PolyMide™ PA6-CF

PolyMide™ PA6-CF is a carbon fiber reinforced PA6 (Nylon 6) filament. The carbon fiber reinforcement provides significantly improved stiffness, strength and heat resistance with outstanding layer adhesion.



Colors available



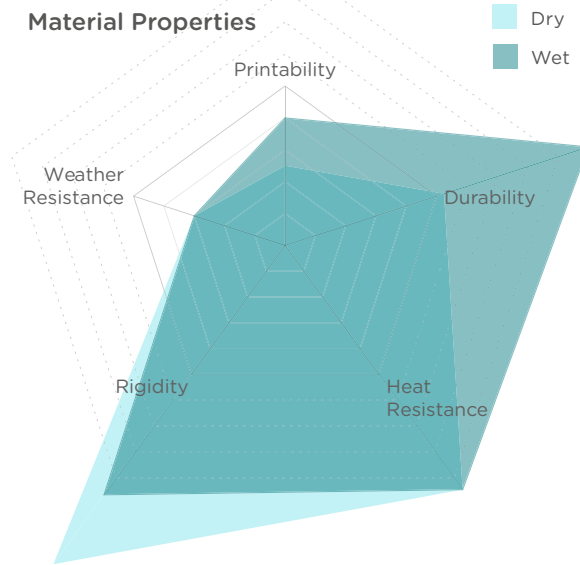
Applications

PolyMide™ PA6-CF outperforms almost every 3D printing material offering extreme durability and functionality. It features a heat resistance of 215°C and can be used in applications requiring stiffness and durability such as automotive brackets, jigs, ESD safe fixtures, aerospace, prosthetics and engineering.

Printing Settings

Printing temp.: 280-300°C
Printing speed: 60mm/s
Bed temp.: 25-50°C
Chamber temp.: N/A
Fan: Off
Dry settings: 80°C for 12h
Annealing: 70°C for 2h
*hardened nozzle required

Material Properties



High heat
deflection
temperature

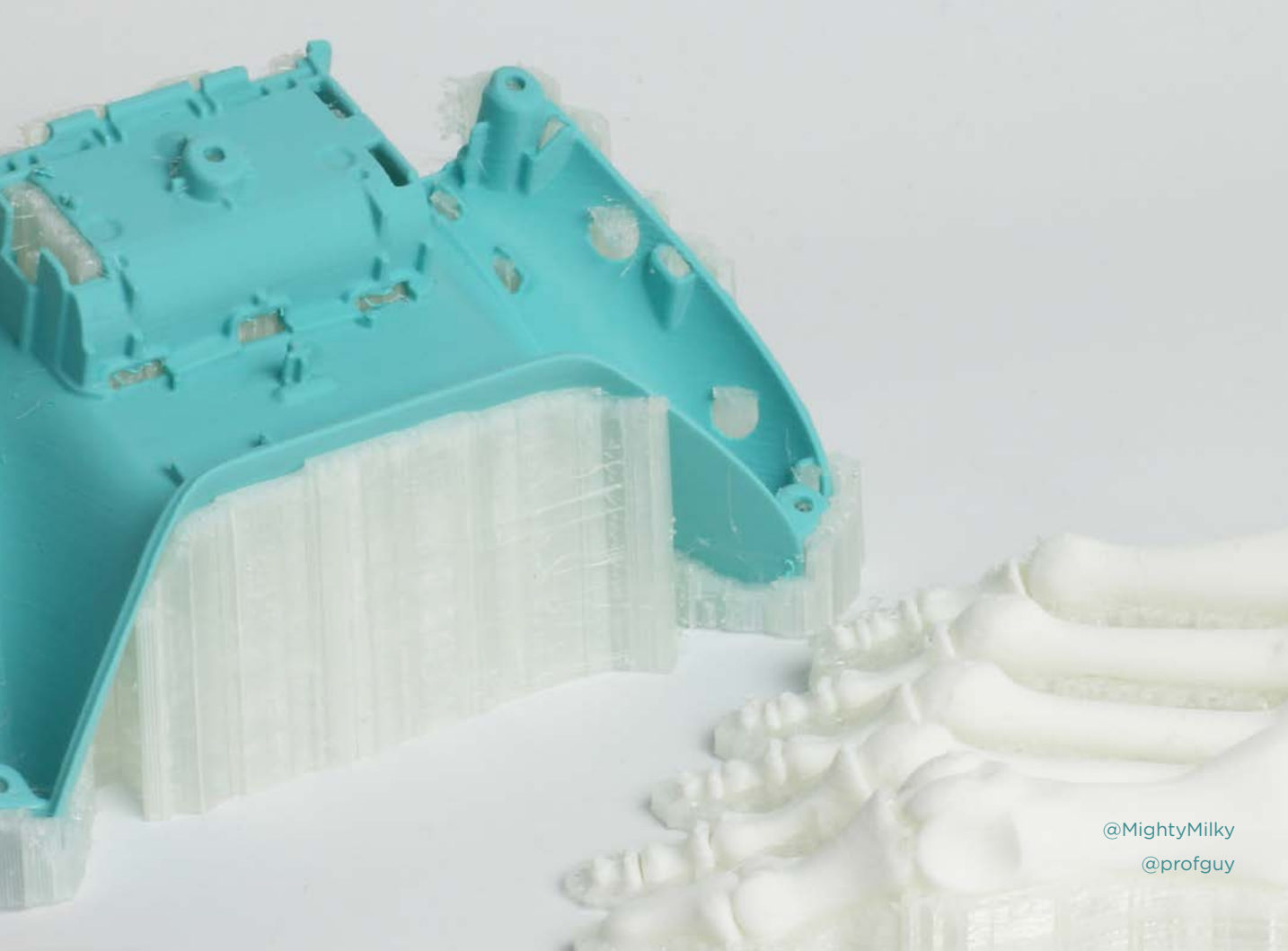


Excellent
isotropic
rigidity



Dimensionally
stable during
printing





@MightyMilky
@profguy



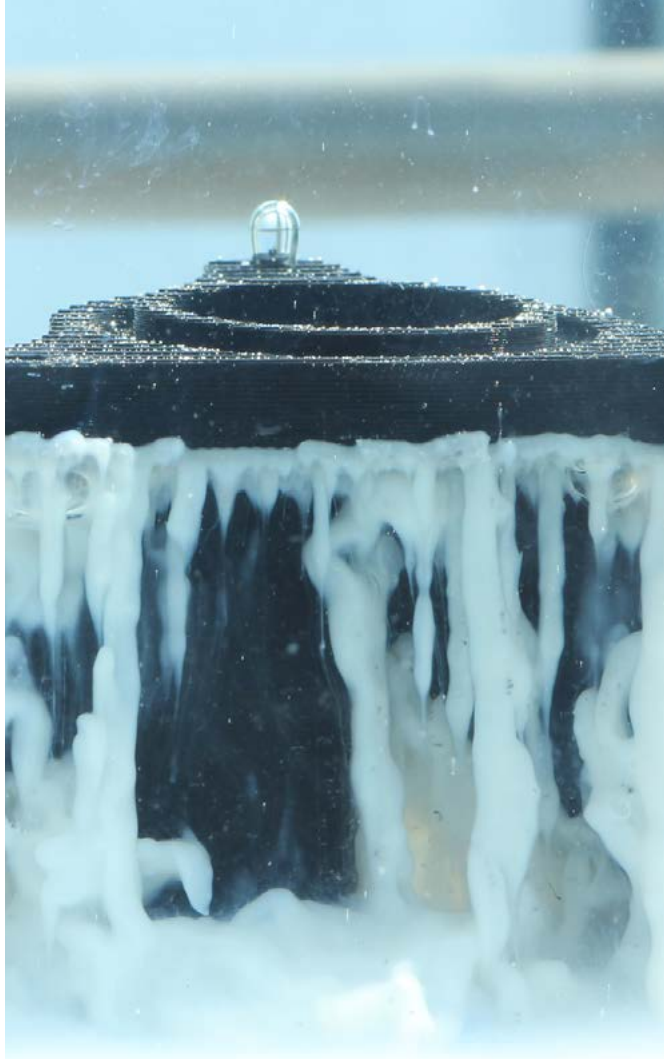
PolyDissolve™ is a family of dissolvable support filaments. This family offers a support solution for our whole portfolio of filaments. By unlocking new geometries it enables a greater freedom of design.





PolyDissolve™ S1

PolyDissolve™ S1 is a water dissolvable support for PLA, TPU, PVB and Nylon based filaments from our portfolio. It is specifically engineered to have a perfect interface with these materials while also displaying good solubility.





Colors available



Applications

PolyDissolve™ S1 is ideal for printing complex geometries such as art sculptures, figurines, models with internal cavities, all-in-one mechanisms or architectural models.

Printing Settings

Printing temp.: 215-225°C
Printing speed: 30-40mm/s
Bed temp.: 25-60°C
Chamber temp.: N/A
Fan: On
Dry settings: 80°C for 12h
Annealing: N/A

Compatibility

PLA based material	++
PETG based material	+
ABS based material	--
PC based material	--
PVB based material	++
TPU based material	++
Nylon based material	++

From Polymaker™ portfolio

Key features



Compatible
with multiple
materials



Good
solubility



Excellent
support
interface



50

Range: Professional

Material: PolyDissolve™ S2



PolyDissolve™ S2

PolyDissolve™ S2 is a dissolvable support for PC, ABS and ASA based filaments from our portfolio. It is specifically engineered to have a perfect interface with these materials while also displaying good solubility.



@MightyMilky



Colors available



Applications

PolyDissolve™ S2 is ideal for printing complex geometric models with HT material (ABS, PC, ASA,) such as models with internal cavities, all-in-one mechanisms, complex shape brackets or connectors.

Printing Settings

Printing temp.: 230-250°C
 Printing speed: 30-40mm/s
 Bed temp.: 90-110°C
 Chamber temp.: N/A
 Fan: Off
 Dry settings: 70°C for 3h
 Annealing: N/A

Compatibility

PLA based material	N/A
PETG based material	N/A
ABS/ASA based material	++
PC based material	++
PVB based material	N/A
TPU based material	N/A
PA12 based material	+

From Polymaker™ portfolio

*Dissolve using PolyDissolve™ S2 solvent

Key features



Compatible with multiple materials



Good solubility in warm alkaline water



Excellent support interface





The Specialty family provides unique filaments from Polymaker to unlock new 3D printing applications.





PolySmooth™

PolySmooth™ is a unique, easy-to-print filament designed for hands-free post processing. The surface can be smoothed with alcohol to achieve layer free models using the Polysher™.





Colors available



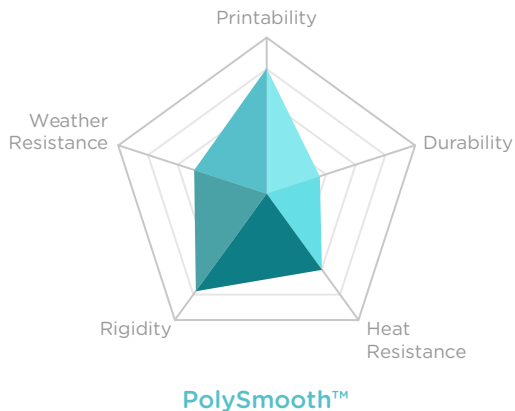
Applications

PolySmooth™ offers the possibility to easily post process a model to obtain a smooth surface. PolySmooth™ is designed for models which are hard to sand and post process such as figurines and cosplay props. PolySmooth™ is also the ideal choice for product design and prototyping to present a clean design replicating an injection molded surface.

Printing Settings

Printing temp.: 190-220°C
 Printing speed: 40-60mm/s
 Bed temp.: 25-70°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 60°C for 12h
 Annealing: N/A

Material Properties



Key features



Safe and
easy to post
process



Excellent
printability



Balanced
mechanical
properties



PolyWood™

PolyWood™ is a wood mimic filament containing no actual wood powder, which removes all risks of nozzle clogs. PolyWood™ is made entirely with PLA using a special foaming technology. It exhibits the same density and appearance as wood with a unique matte finish.





Colors available



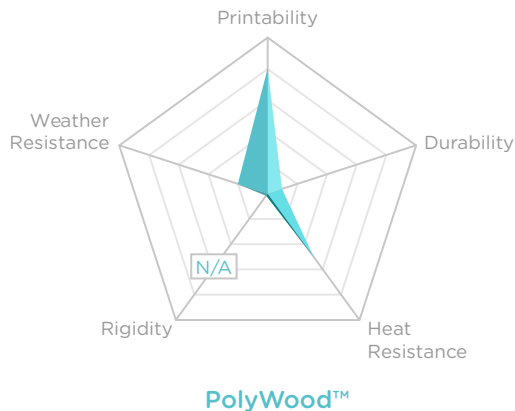
Applications

PolyWood™ delivers an incredible surface finish which makes it is a unique material choice for aesthetic applications such as architectural models, figurines, gaming dioramas, decoration or lifestyle parts.

Printing Tips

Printing temp.: 190-210°C
 Printing speed: 30-50mm/s
 Bed temp.: 25-60°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 70°C for 8h
 Annealing: N/A

Material Properties



Key features



No risk of
clogging



Clean
matte finish

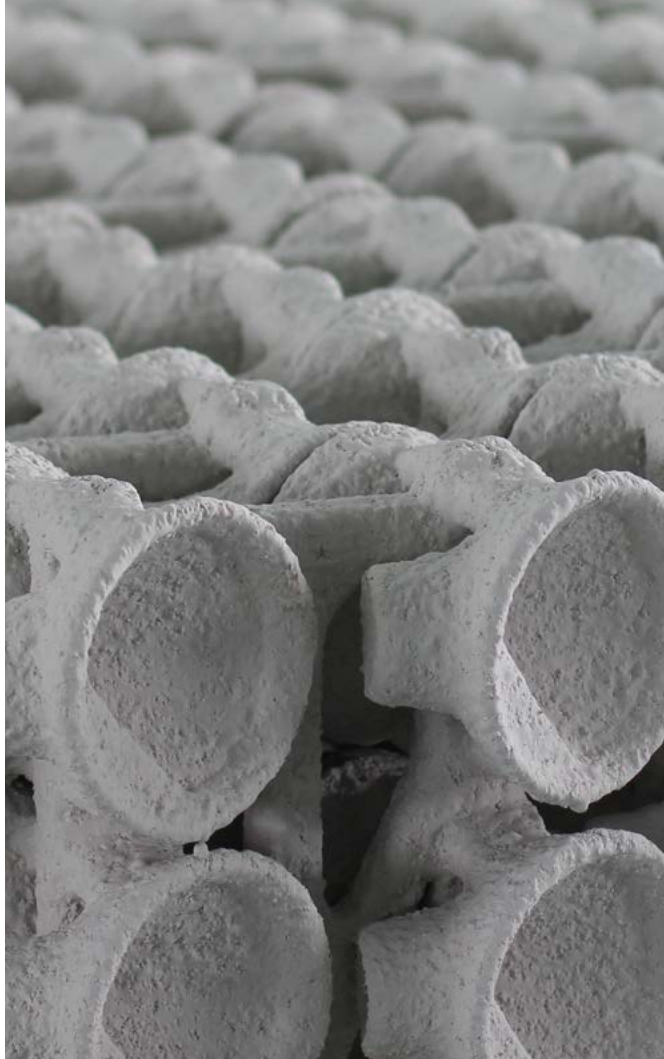


Light
weight



PolyCast™

PolyCast™ is a filament designed to produce investment patterns for investment casting applications. 3D printing significantly cuts down both the cost and lead time by eliminating the tooling process.





Colors available



Applications

PolyCast™ is specifically designed to print patterns for metal investment casting. PolyCast™ features Ash-Free™ technology typically leaving an ash residue of 0.003% when burnt out at temperatures >600°C. For quick design iteration, metal prototyping or unique one-off casts, PolyCast™ offers a solution.

Printing Tips

Printing temp.: 190-220°C
 Printing speed: 40-60mm/s
 Bed temp.: 25-70°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 60°C for 12h
 Annealing: N/A



Key features



Burn out
cleanly



Safe and
easy to post
process

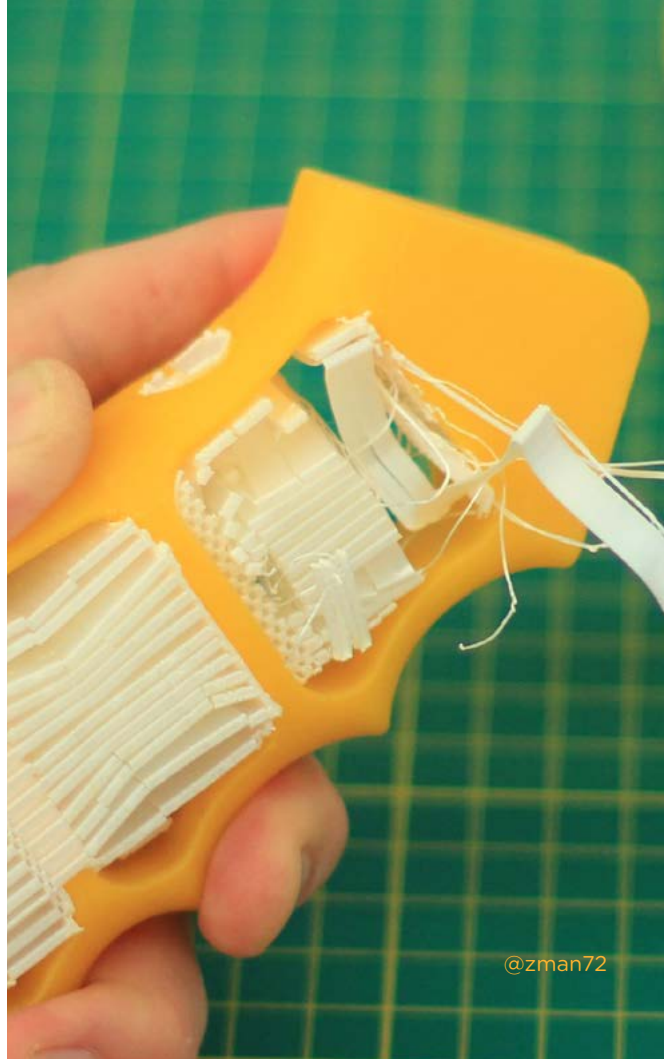


Excellent
printability



PolySupport™

PolySupport™ is a break away support for Polymaker PLA based filaments. It has a perfect interface with PLA, strong enough to support it and easily removable by hand.





Colors available



Applications

PolySupport™ is a breakaway support material which can be removed very easily. It's advantage over dissolvable support is that its faster to remove and requires no tools or equipment. For geometric overhangs such as boxes, architectural models or brackets, PolySupport™ will offer a better experience than dissolvable support.

Printing Settings

Printing temp.: 220-230°C
 Printing speed: 20-40mm/s
 Bed temp.: 25-60°C
 Chamber temp.: N/A
 Fan: On
 Dry settings: 80°C for 8h
 Annealing: N/A

Compatibility

PLA based material	++
PETG based material	-
ABS/ASA based material	-
PC based material	+
PVB based material	+
TPU based material	+
Nylon based material	--
From Polymaker™ portfolio	

Key features



Easy to break away



Perfect support interface with PLA



Good printability



Polymaker™ PC-ABS

Polymaker™ PC-ABS is a PC/ABS polymer blend which offers excellent toughness and heat resistance while displaying a good surface finish and good compatibility with metal plating.





Colors available



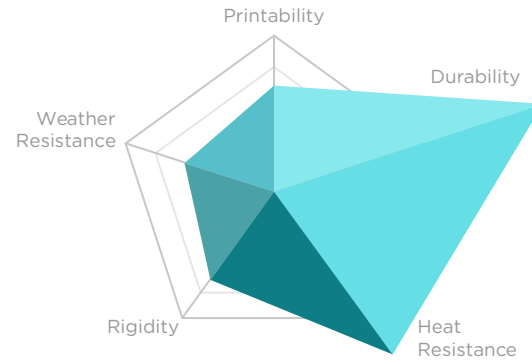
Applications

Polymaker™ PC-ABS characteristics make it ideal for automotive interior parts such as dashboard, door handles or instrument panels. Polymaker™ PC-ABS is very easy to metalize which makes it an ideal choice for lighting reflectors.

Printing Settings

Printing temp.: 250-270°C
 Printing speed: 30-50mm/s
 Bed temp.: 90-105°C
 Chamber temp.: 90-100°C
 Fan: Off
 Dry settings: 80°C for 8h
 Annealing: 90°C for 2h

Material Properties



Polymaker™ PC-ABS

Key features



Excellent toughness and heat resistant



Good surface finish



Compatible with metal plating



Polymaker™ PC-PBT

Polymaker™ PC-PBT is a PC/PBT polymer blend which offers good heat resistance and toughness at low temperatures (-20°C/-30°C). Polymaker™ PC-PBT also features good chemical resistance.





Colors available



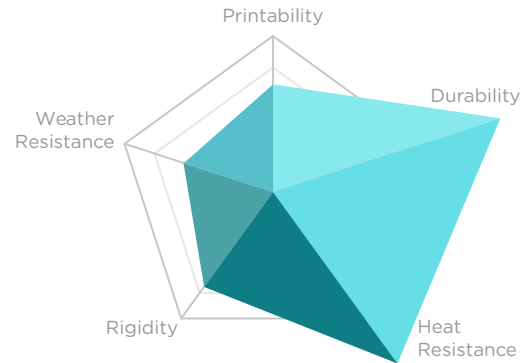
Applications

Polymaker™ PC-PBT characteristics make it ideal for automotive exterior parts such as bumpers, roof rail brackets or door handles. Polymaker™ PC-PBT is also a good choice for electronic device covers/bases such as VR/AR headsets, gadget housing or battery housings.

Printing Settings

Printing temp.: 26-2800°C
Printing speed: 30-50mm/s
Bed temp.: 100-115°C
Chamber temp.: 100-110°C
Fan: Off
Dry settings: 80°C for 8h
Annealing: 90°C for 2h

Material Properties



Polymaker™ PC-PBT

Key features



Good mechanical and thermal properties



Good toughness at low temperature



Good chemical resistance





Polymaker Hardware family offers 3D printing accessories to optimize the user experience with their filaments.

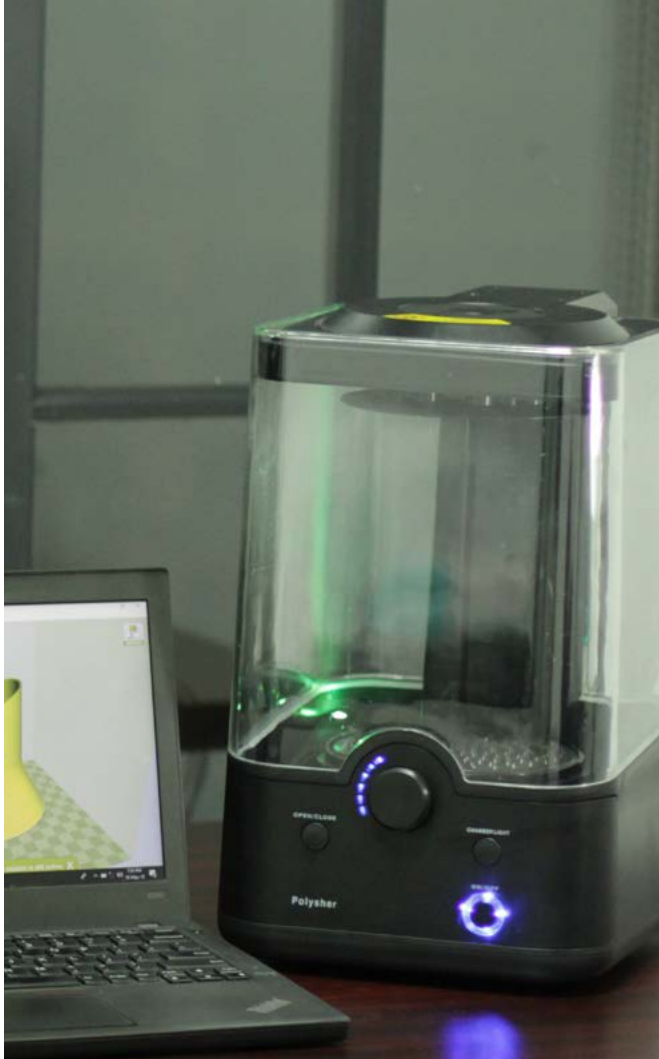




PolyBox™

PolyBox™ is a dry storage box designed to provide the optimum environment for 3D printing filaments. The PolyBox™ is compatible with all 3D printers and can house two 1kg spools or one 3kg spool.





Polysher™

The Polysher™ is a desktop post processing unit designed to remove layer lines from PolySmooth™ and PolyCast™ prints. The Polysher™ uses Polymaker's Layer-Free™ technology to create a fine mist of alcohol which evenly smooths the model.





Sample Box 1

The Sample Box 1 contains 7x50g samples:

PolyLite™ PLA
PolyLite™ PETG
PolyMax™ PLA
PolyMax™ PETG
PolyFlex™ TPU95
PolyWood™
PolySmooth™

All materials in Sample Box 1 are easy to use and are compatible with most 3D printers.





Sample Box 2

The Sample Box 2 contains 7x50g samples:

PolyLite™ ABS
PolyLite™ ASA
PolyLite™ PC
PolyMax™ PC
PolyMide™ CoPA
PolyDissolve™ S1
PolySupport™

These samples require a 3D printer with enclosure or with dual extrusion capabilities.



Sample Box 3

The Sample Box 3 contains 2x100g samples:

PolyMide™ PA6-GF
PolyMide™ PA6-CF

These samples require a 3D printer capable of reaching a nozzle temperature of 300°C and equipped with an abrasion resistant nozzle.



Our packaging



Plastic
resealable bag



Aluminum
resealable bag



WORLD COVERAGE

Polymaker
distributors



AUSTRALIA	3D Tech Supplies
BELGIUM	Distrinova BVBA
CHINA	UC Robotics
CHINA	Elite Robot
FRANCE	Hava
JAPAN	Inabata & Co., Ltd
JAPAN	Sunstella & Co., Ltd
KOREA	ID MAX (3D Creative)
SWEDEN	3D Verkstan
USA	Plural AM
USA	Micro Center
USA	Amazon



Find our updated resellers and distributors list at: www.polymaker.com



Worldwide Resellers

America

Country	Company name	Website
Argentina	ROJO3D SRL	www.rojo3d.com
Brazil	UP3D - Impressoras 3D	www.up3d.com.br
Canada	filaments.ca	www.filaments.ca
Canada	DigitMakers.ca	www.digitmaker.ca
Canada	i3d	www.i3d.online
Chile	3DP Chile	www.tresdp.com
Mexico	3D Market MX	www.3dmarket.mx
USA	Plural AM	www.pluralam.com
USA	Nexeo Solutions	www.nexeosolutions.com
USA	LulzBot	www.lulzbot.com
USA	iMakr USA	www.imakr.com/us
USA	Makerfront	www.makerfront.com
USA	MakerGear	www.makergear.com
USA	MatterHackers	www.matterhackers.com
USA	Printed Solid	www.printedsolid.com
USA	3D Platform	www.3dplatform.com
USA	3D Printing Tech	www.3d-printingtech.com
USA	Hamilton 3D	www.hamilton3d.com
USA	MicroCenter	www.microcenter.com
USA	MicroCenter	www.microcenter.com
USA	MicroCenter	www.microcenter.com
USA	MAKEIT Inc.	www.makeit-3d.com
USA	Maker Box	www.makerbox.me
USA	PlugnPlay3d	www.plugnpay3d.com



Asia and Pacific

Country	Company name	Website
Australia	3D Printing Solution	www.3dtechsupplies.com.au
China	北京威控睿博科技有限公司	www.ucrobotics.com.cn
China	西安非凡士机器人科技有限公司	www.elite-robot.com
Hong Kong, China	Innospot Limited	
India	Think 3d	www.think3d.in/
India	NovaBean	www.novabeans.com
Indonesia	Aneka 3D	www.aneka3d.com
Japan	Sunstella Co., Ltd	www.poly-maker.jp
Japan	Inabata & Co., Ltd	www.inabata.co.jp
Korea	ID MAX	www.idmax.co.kr
Malaysia	Pebble3D Sdn Bhd	www.pebblereka.com
Russia	Color World	www.cvetmir3d.ru
Singapore	ELH TECH (S) PTE. LTD.	www.elhtech.com.sg
Taiwan, China	3DMART LTD.	www.3dmart.com.tw
Thailand	Makers Point Co., Ltd.	



Europe Africa Middle East

Country	Company name	Website
Austria	3Djake	www.3Djake.com
Belarus	Intertechnomarket	itmforms.com
Belgium	3D&I	www.3d-i.be
Belgium	Distrinova BVBA	www.trideus.be
Belgium	Ideal Jacobs Europe	www.buildtak.eu
Bulgaria	ProFab Ltd.	www.profab3d.com
Czech Republic	3Dwiser	www.3dwiser.com
Denmark	in2motion.dk	www.in2motion.dk
Finland	3Djake	www.3Djake.com
Finland	Maker3D oy	www.3d-tulostus.fi
Finland	Prenta Oy	www.prenta.fi
France	Dagoma	www.dagoma.fr
France	Makershop	www.makershop.fr
Germany	3ddruckkaufhaus	3ddruckkaufhaus.de
Germany	3Djake.com	www.3Djake.com
Germany	3Ddimensionals	www.3dimensionals.de
Germany	BFI Innovation GmbH	https://shop.bfi-it.de/
Germany	Comprise IT Systeme GmbH	www.comprise.de
Germany	Conrad	www.conrad.de
Germany	Filamentworld	www.filamentworld.de
Germany	German RepRap	www.germanreprap.com
Germany	Igo3D GmbH	www.igo3d.com
Germany	Kuehling & Kuehling	www.kuehlingkuehling.de
Germany	Makerdise	www.makerdise.de
Germany	OKM 3D	www.okm-3d.de
Greece	3DHUB	www.3dhub.gr
Greece	Commonslab	www.commonslab.gr
Greece	Hellas 3D	www.hellas3d.gr
Israel	Caliber Engineering and Computers LTD	www.caliber.co.il
Israel	Mafil	www.mafil.co.il
Italy	3DItaly	www.3ditaly.it
Italy	3Djake.com	www.3Djake.com

Europe Africa Middle East



Italy	Filoprint	www.filoprint.it
Italy	Qi Factory	http://qifactory.com
Italy	Sharemind	www.sharemind.eu
Latvia	Mass Portal	www.massportal.com
Lithuania	3D Creative	www.3dcreative.lt
Norway	3DNet	www.3dnet.no
Poland	Marwiol	www.marwiol.pl
Poland	3Djake.com	www.3Djake.com
Romania	Formwerk	www.formwerk.ro
Romania	Suntem3D	www.suntem3d.ro
Russia	Chevalier.ru, Ltd	www.mass-portal.ru
Slovakia	Just Create	www.justcreate.sk
Slovenia	3Djake.com	www.3Djake.com
Slovenia	ITehLaB d.o.o.	www.3d-tisk.si
South Africa	Express3D parts	www.express3dparts.co.za
Spain	3Djake	www.3Djake.com
Spain	Filament2print	www.filament2print.com
Spain	Impresoras3d	www.impresoras3d.com
Spain	Tecnologyk	www.tecnologyk.com
Sweden	3DVerkstan	shop.3dverkstan.se
Switzerland	3DPrintNewTechno	www.3dprintnewtechno.ch
Switzerland	3Dware TGS Trading GmbH	www.3dware.ch
Switzerland	A + B solutions Sarl. Youmake.ch	www.youmake.ch
Switzerland	Rene Faigle AG – my3Dworld	www.my3dworld.ch www.3dstore.ch
The Netherlands	3DCopyCenter BV	www.3dcopycenter.nl
The Netherlands	Felix Printers	www.felixprinters.com
The Netherlands	Seeda 3D	www.3dprinters-store.com
The Netherlands	Turtle creations	www.turtlecreations.nl
Turkey	Btech	www.btech.com.tr
UAE	Preciseme	www.precise-distribution.com
United Kingdom	3Dfilaprint	3dfilaprint.com
United Kingdom	3Djake	www.3Djake.com
United Kingdom	Dream3D	www.dream3d.co.uk
United Kingdom	E3D	www.e3donline.com
United Kingdom	iMakr	www.imakr.com

Polymaker offices

Shanghai, China	(Product, Marketing, APAC Sales)
Suzhou, China	(RnD, Business Development)
Changshu, China	(Production, Logistics, Supply Chain)
Utrecht, The Netherlands	(EMEA Sales, Business Development)
Savannah, USA	(AMER Sales, Business Development)

Mission

Polymaker is committed to lowering the barriers to innovation and manufacturing by continuously developing advanced 3D printing material technologies for industries and consumers.

Our Values



Entrepreneurial



Responsible



Customer
Oriented



Embracing
Innovation



Contact us

For any inquiries please contact:

inquiry@polymaker.com

For technical support please contact:

support@polymaker.com

The information provided in this document is intended to serve as basic guidelines on how a particular product can be used. Users can adjust the printing conditions based on their needs and actual situations. It is normal for the product to be used outside of the recommended ranges of conditions. Each user is responsible for determining the safety, lawfulness, technical suitability, and disposal/recycling practices of Polymaker materials for the intended application. Polymaker makes no warranty of any kind, unless announced separately, to the fitness for any particular use or application. Polymaker shall not be made liable for any damage, injury or loss induced from the use of Polymaker materials in any particular application



