

ABOUT POLYMAKER



- 1 Global Headquarter
Shanghai, China
- 2 R&D and Manufacturing
Suzhou, China
- 3 Americas Headquarter / Polymaker LLC
New York, USA
- 4 EMEA Headquarter / Polymaker BV
Utrecht, Netherlands

Polymaker is a 3D printing innovation company dedicated to enabling a better future with 3D printing. We achieve this goal by integrating advanced materials, additive manufacturing technologies, and design to meet the needs of today's industries and consumers.

ABOUT POLYMAKER INDUSTRIAL

Polymaker Industrial is Polymaker's latest offering to the growing needs of industrial 3D printing.

We offer the following products & services:

-  A broad & growing portfolio of 3D printing materials
-  Custom material & application development
-  Contract manufacturing

MATERIAL PORTFOLIO

PLA FAMILY

Material	Description	Key Features
L1001	High quality PLA filament with Polymaker's patented Jam-Free™ technology	- Excellent printability - Biodegradable - Cost-effective
L3001	Advanced PLA filament with drastically improved fracture toughness	- High fracture toughness - Superior printing quality
L3003	Advanced PLA filament with both high toughness and stiffness	- High fracture toughness & modulus - Superior printing quality
L7001	PLA based 3D printable closed-cell foam	- The only 3D printable foam - 30-40% lower in density than PLA - Unique matte surface finish

PC FAMILY

Material	Description	Key Features
C501	Polycarbonate (PC) based filament with good printability. Available in transparent colors	- A special grade of PC optimized for 3D printing - High optical transparency
C515	PC based filament with superior printability and mechanical properties, particularly fracture toughness	- Excellent fracture toughness - Dramatically improved layer adhesion - Superior printing quality
C515FR	PC based filament with improved flame retardance.	- Scored V-0 in UL94 test

SUPPORT FAMILY

Material	Description	Key Features
*SU400	Water-soluble filament for ABS, TPU, PETG and PC.	- Soluble in water. - Support for ABS, TPU, PETG and PC
SU301	Water-soluble filament based on PVA for PLA, TPU, Nylon and PVB.	- Soluble in water. - Support for PLA, TPU, Nylon and PVB
S02N	Alcohol soluble support material for Nylon	- Soluble in alcohol - Good stability and shelf life
S01	Break-away support material for PLA	- Support material for PLA - Easy to work with, with no solvents needed

*Under development

NYLON FAMILY

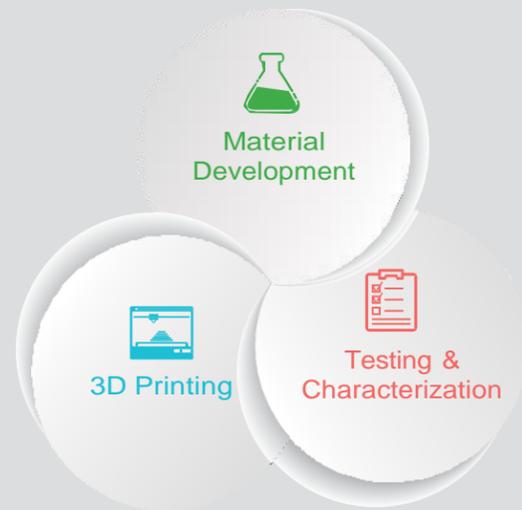
Material	Description	Key Features
N703CB	Polyamide copolymer based filament combining excellent heat resistance, mechanical properties and printability. Shows near-zero warping	- Excellent printability - Biodegradable - Cost-effective
N703CB-RK	Nanoclay reinforced Nylon with excellent size-stability and rigidity	- High fracture toughness - Superior printing quality
*N712	Polyamide-12 (PA12) based 3D printing filament	- Offers minimal residue stress and near-zero warping - Less sensitivity to moisture
*N712-RK	Polyamide-12 (PA12) based 3D printing filament reinforced by nanoclay	- Nanoclay reinforced - Further improved stiffness and dimensional stability
N600	Polyamide-6 (PA6) based 3D printing filament with excellent mechanical and thermal properties.	- Excellent mechanical and thermal properties - Cost-effective
N600-RK	Polyamide-6 (PA6) based 3D printing filament reinforced by nanoclay	- Nanoclay reinforced - Further improved stiffness and dimensional stability

*Under development

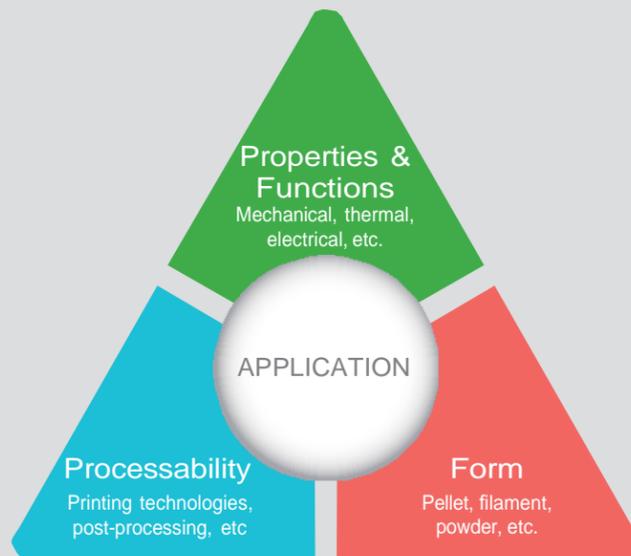
SPECIALTY & OTHERS

Material	Description	Key Features
U0295A	TPU filament with Shore A hardness of ~ 95A	- Flexible TPU with a hardness of ~ 95 Shore A
U0165D	TPU filament with Shore D hardness of ~ 65D	- Flexible TPU with a hardness of ~ 65 Shore D
U0175D	TPU filament with Shore D hardness of ~ 75D	- Flexible TPU with a hardness of ~ 75 Shore D
SP701	PVB-based "polishable" filament	- Can be used with Polymaker's Micro-Droplet Polishing™ technology to obtain a layer-free, glossy surface finish
SP801C	Filament designed specifically for investment casting	- Compatible with Polymaker's Micro-Droplet Polishing™ technology - Complete and clean burn-out
ABS01	ABS filament with reduced odor during printing and excellent printability	- An improved ABS material with better printability and significantly less odor during printing
TE100	Flexible filament based on TPEE with shore D hardness of ~40D	- Flexible material with excellent printability

R&D CAPABILITIES



MATERIAL DEVELOPMENT



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materials