

## 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

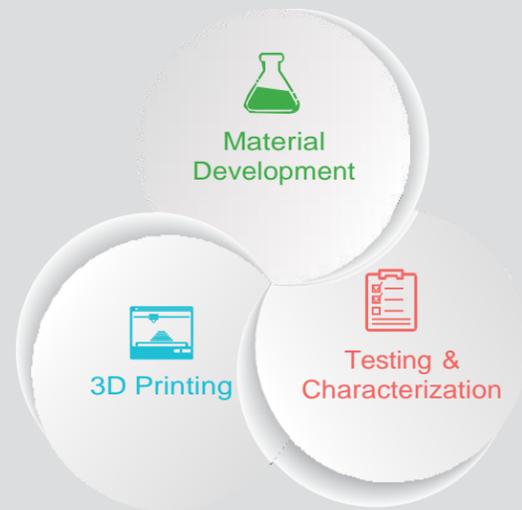
Material	Description	Key Features
N703CB	Polyamide copolymer based filament combining excellent heat resistance, mechanical properties and printability. Shows near-zero warping	- Excellent printability - Biodegradable - Cost-effective
N703CB-RK	Nanoclay reinforced Nylon with excellent size-stability 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

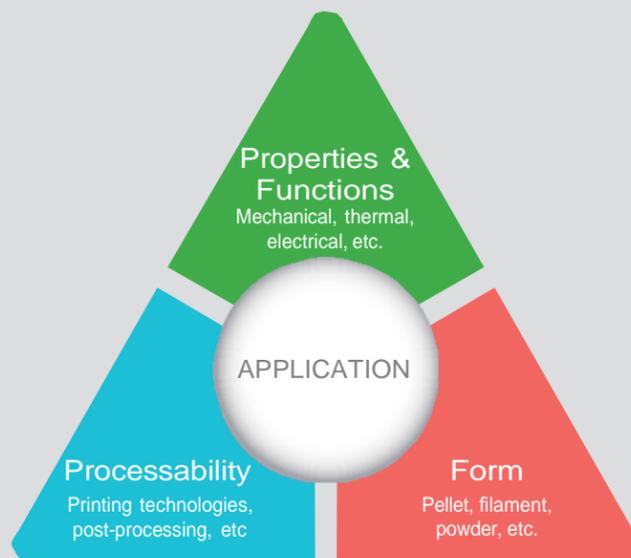
### SPECIALTY & OTHERS

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



## CONTACT US

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materials