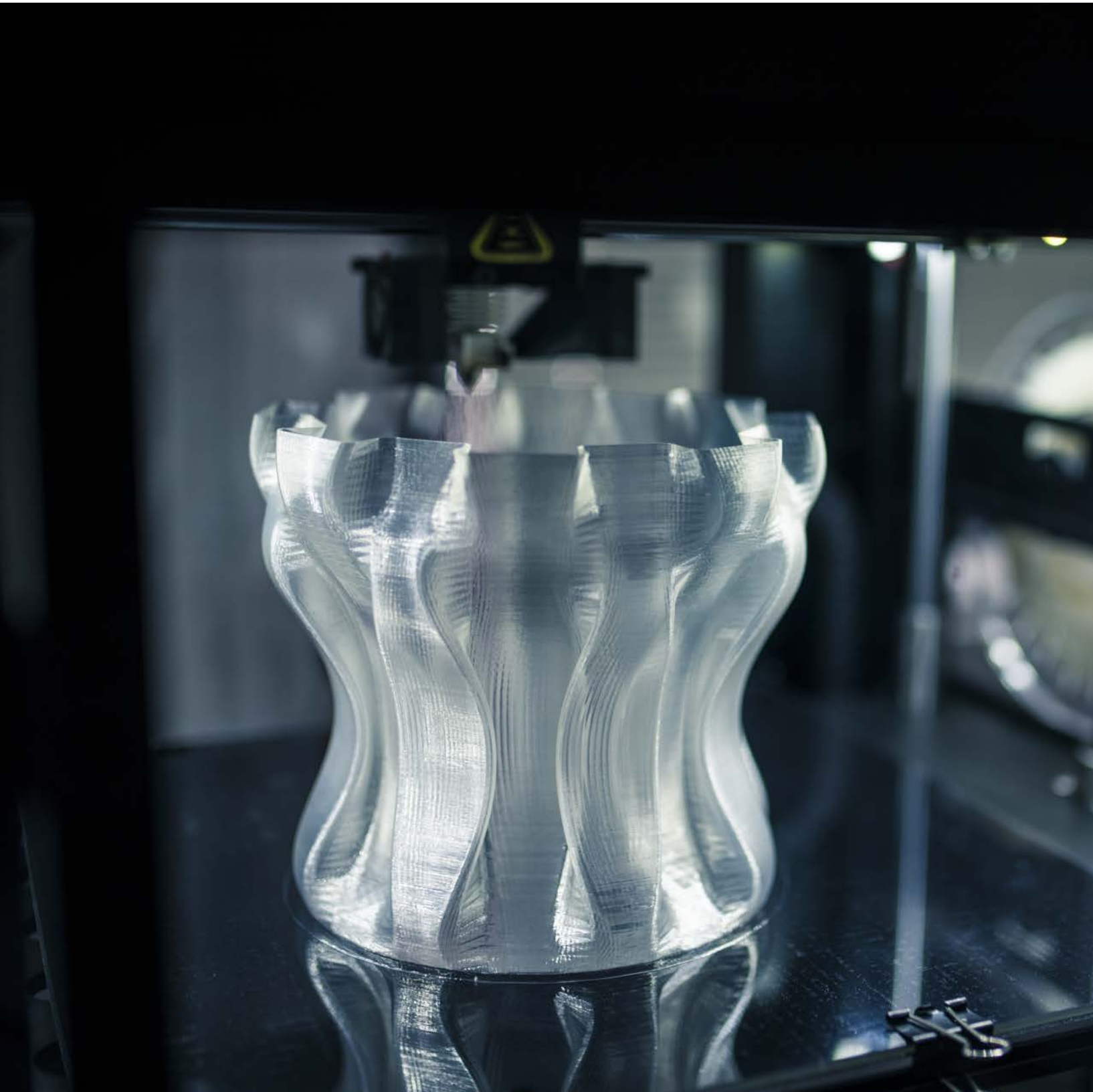


High Quality Polymer-Based Materials For 3D Filaments and Compounds



High quality polymer based filaments and compounds for 3D printing

MCPP is one of the world's largest polymer-based 3D filament manufacturers, with a focus on high quality filaments and the development of new innovative materials for FDM and/or FGF 3D printing. Our labs achieve optimal results by focusing on creating the perfect settings for the combination of hardware and software for each material. As your partner, we help you create a unique filament range, manufactured to your specifications through our toll manufacturing services, and deliver product ready to be sold in your own customized packaging.

Product	Features	Colors
PLA		
PLA	Tougher than regular PLA, biodegradable	33
PLA Matte	Aesthetic matte effect, low light refraction and creates a rough feeling	3
Satin	Silky feeling, stunning pearlescent shine, easy to print and low warping	12
PLA Glitter	Beautiful sparkling effect that helps conceal layers	6
PLA-X ³	Engineered for high speed printing, high mechanical strength and high temperature resistance	6
TPLA	Changes color from gray to natural > 33°C and low warping	1
MT-Copper	Copper filled 80%, 3 x heavier than PLA and easy polishing	1
MT-Bronze	Bronze filled 80%, 3 x heavier than PLA and easy polishing	1
MT-Brass	Brass filled 80%, 2 x heavier than PLA and cold touch	1
Wood	Feels and smells like wood, biodegradable and low warping	5
Styrene		
ABS	Very high impact-resistance and stable printing	26
ABS-X	Great strength & aesthetics, zero warp technology and high impact-resistance	12
ASA-X	UV / Weather resistant, zero warp technology and excellent interlayer adhesion	7
HIPS	Matte finish building material, easy to glue and dissolves in D'Limonene	6
M-ABS	Translucent options, low warping, limited smell and compared to regular ABS	12
PC-ABS	Interlayer adhesion, high impact resistance and high surface gloss	2
PC-ABS VO	Flame retardant (UL-94 V0), halogen free	1
(Co)Polyester		
PET-G	High clarity, very tough, easy to print, odor neutral and FCA	19
Carbon-P	Carbon fiber filled PET-G, extremely stiff, increased impact and matte surface	1
PC	Great strength & stiffness, high optical clarity and low flammability (UL-94 V2)	1

Product	Features	Colors
Flexible		
Glassbend	92% Light transmission, strong, flexible FCA	1
FLEX 45	Very flexible, strong, long term heat resistant and UV resistant	5
TPU98A	Strong & flexible, for direct & bowden tube, shore 698A and FCA	6
Polyamide		
PA-CX12	High-performance industrial grade nylon, strong & flexible, crack & scratch resistance, superior chemical and UV resistance	3
Polyolefin		
PP	General purpose, excellent fatigue resistance, chemical resistance, microwave and dishwasher safe and FCA	3
Support		
PVA	Water soluble support material, excellent bonding to PLA	1
PVA-M	Like PVA, better bonding to various filaments and excellent for PET-G	1
PVA-S	Increased heat stable water soluble filament with excellent adhesion to ABS, ABS-X, ASA-X, PLA-X ³ and TPU98A	1
Partner Materials		
ONE PET	100% recycled PET -A, strong & stiff, excellent layer adhesion	7
ARNITEL® ID2060 HT	A unique balance of flexibility, sustained high temperature and chemical resistance	1
ARNITEL® ID2045	100% recyclable (50% bio-based feedstock), easy and fast printing, high performance, excellent inter-layer adhesion	3
NOVAMID® ID1030 CF10	Durable parts, good mechanical properties due to high inter-layer strength, 10% carbon loading	1
NOVAMID® ID1070	Optimized crystallization profile improves fusion. Excellent interlayer strength, high surface quality.	2
ARNITE® ID3040	Open source PET filament, good fusion & interlayer strength with great surface qualities	2
NOVAMID® ID1030	Strong, ductile and easy to print. Based on PA6/66	4
ULTRA DIAMOND	Extremely rigid (6300 MPa), nonabrasive and non hygroscopic, fast printing, low print temp (~230°C) and very smooth surface	3
PLACTIVE AN ¹	Antibacterial action, eliminating more than 99.99% of fungi, viruses, bacteria and a wide range of microorganisms	3