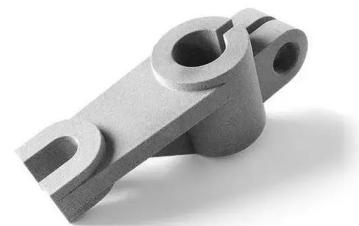


Polipropilene

PP

One of the world's most popular polymers, it is high-performance, lightweight and chemically resistant.



Material properties

Density	ASTM D792	0,87	g/cm ³
Suitability for food contact	CE 1935/2004 – 10/2011	NO	
Tensile strength	ASTM D638	30	MPa
Elongation at break	ASTM D638	20	%
Elastic modulus	ASTM D638	1600	MPa
Flexural strength	ASTM D790	22,8	MPa
Resilience	ISO 179	29	kJ/m ²
Hardness	ASTM D2240	70 D	Shore
HDT 0.45 MPa	ASTM D648	100	°C
HDT 1.8 MPa	ASTM D648	60	°C
Vicat softening temperature	ISO 306	90	°C
Melting temperature	ASTM D3418	140	°C
Flammability	UL94	HB	
Volumic electrical resistivity	UL746A / ASTM D257	10 ¹⁴	Ω*m

Printing layer height

0,08 mm (0,003 in)

Maximum dimensions

380x284x380 mm (15x11.2x15 in)

Tolerances

± 0,60mm < 100mm / ± 0,6% > 100mm

Applications

Lightweight hydrocarbon-resistant material for prototypes, automotive interiors, pipes and fluid tanks, machine parts, medical equipment and cosmetics.

Certifications

RoHS - REACH

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