

High temperature pro Resin

High Temp Resin

Dimensional stability, smooth surface and HDT 238°C. This resin is designed to withstand high temperatures and is the perfect choice for a wide range of applications.



Material properties

Density	ISO 1183	1,26	g/cm ³
Water absorption at saturation	ASTM D570	0,25	%
Tensile strength	ASTM D638	67	MPa
Elongation at break	ASTM D638	2,4	%
Elastic modulus	ASTM D638	3190	MPa
Flexural strength	ASTM D790	120	MPa
Hardness	ASTM D2240	94 D	Shore
HDT 0.45 MPa	ASTM D648	238	°C
HDT 1.8 MPa	ASTM D648	107	°C
Volumic electrical resistivity	IEC 60093	3,56*10 ¹⁴	Ω*m

Printing layer height

0,10 mm (0,004 in)

Maximum dimensions

274x155x400 mm (10.8x6.1x15.7 in)

Tolerances

± 0,30mm < 100mm / ± 0,3% > 100mm

Applications

Functional Parts, High temperature applications, Molds, Castings, Connectors

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