

Ceramic Resin

Ceramic 280

Exceptional Heat Resistance, Superior Rigidity, and the Unique Ceramic Aesthetic for a Wide Spectrum of Professional, Industrial and Technological Applications.



Material properties

Density	ISO 1183	1,73	g/cm ³
Water absorption at saturation	ASTM D570	0,29	%
Tensile strength	ASTM D638	40	MPa
Elongation at break	ASTM D638	0,5	%
Elastic modulus	ASTM D638	9410	MPa
Flexural strength	ASTM D790	73	MPa
Resilience	ISO 179	0,98	kJ/m ²
Hardness	ASTM D2240	96 D	Shore
HDT 0.45 MPa	ASTM D648	280	°C
HDT 1.8 MPa	ASTM D648	132	°C

Printing layer height

0,10 mm (0,004 in)

Maximum dimensions

280x165x400 mm (11x6.5x15.7 in)

Tolerances

± 0,60mm < 100mm / ± 0,75% > 100mm

Applications

Heat-resistant applications, Wind tunnel test models, Decorative and household items, Engineering prototypes

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