

SLA - Accura Xtreme

Universal epoxy resin



The epoxy resin has universal properties, like impact value, bendability, durability, impact resistance and an excellent surface quality. It is an appropriate alternative to CNC-milled models. Accura Xtreme is well suited for strained casings or snap locks, but it is not adequate for a series production.

Mechanical Attributes

Attribute	test standard	Value*
Tensile Strength	ASTM D638	41 ± 3 MPa
Tensile modulus	ASTM D638	1885 ± 95 MPa
Elongation at break	ASTM D638	18 ± 4 %
Flexural strength	ASTM D790	61.5 ± 9.5 MPa
Flexural modulus of elasticity	ASTM D790	1795 ± 275 MPa
Hardness		80 Shore D
Heat resistance @0,45 MPa	ASTM D648	62 °C
Heat resistance @1,80 MPa	ASTM D648	54 °C
Density		1.19 g/cm³

*depending on various parameters, in particular the printing orientation

Practical example

Component	Zahnrad
Size	38 x 38 x 8 mm
Volume	5 cm ³
Price	95 € Incl. VAT, plus delivery costs

