

SLA - Tough T04

Resistant photopolymer



Mechanical Attributes

Attribute	test standard	Value*
Tensile modulus	ASTM D 638-14	2700 MPa
Elongation at break	ASTM D 638-14	24 %
Flexural strength (5% elongation)	ASTM D 790-15	60.6 MPa
Flexural modulus of elasticity	ASTM C 790-15	1600 MPa
Izod impact strength (at 23 °C)	ASTM D 256-10	38 J/m
Hardness		90 Shore D
Heat resistance @0,45 MPa	ASTM D 648-16	48.5 °C
Heat resistance @1,80 MPa	ASTM D 648-16	45.9 °C

*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	17,85 € (100 m) / 24,40 € (50 m) Incl. VAT, plus delivery costs