Versatile w135 Resin

MultiPurpose resin

The High-Performance 3D Printing Material for Prototyping, Automotive, and Consumer Electronics

Material properties

Density	ISO 1183	**1,1**	g/cm³
Water absorption at saturation		**0,23**	%
Suitability for food contact		**NO**	
Tensile strength	ASTM D638	**69**	MPa
Elongation at break	ASTM D638	**8**	%
Elastic modulus	ASTM D638	**2940**	MPa
Flexural strength	ASTM D790	**135**	MPa
Resilience	ISO 179	**20**	kJ/m²
Hardness	ASTM D2240	**89 D**	Shore
HDT 0.45 MPa	ASTM D648	**100**	°C
Vicat softening temperature		**128**	°C

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
Replacement injection moulding for both prototypes and series, Automotive, Electronics and consumer goods