

# Versatile w135 Resin

MultiPurpose resin

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



## Material properties

<b>Density</b>	ISO 1183	<b>1,1</b>	g/cm <sup>3</sup>
<b>Water absorption at saturation</b>		<b>0,23</b>	%
<b>Suitability for food contact</b>		<b>NO</b>	
<b>Tensile strength</b>	ASTM D638	<b>69</b>	MPa
<b>Elongation at break</b>	ASTM D638	<b>8</b>	%
<b>Elastic modulus</b>	ASTM D638	<b>2940</b>	MPa
<b>Flexural strength</b>	ASTM D790	<b>135</b>	MPa
<b>Resilience</b>	ISO 179	<b>20</b>	kJ/m <sup>2</sup>
<b>Hardness</b>	ASTM D2240	<b>89 D</b>	Shore
<b>HDT 0.45 MPa</b>	ASTM D648	<b>100</b>	°C
<b>Vicat softening temperature</b>		<b>128</b>	°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

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