

# Prosilas

## High Temperature Resistant Resin

SLA MATERIAL

ASTM Method	Description	Value	UV & thermal Postcure
	Density, solid	<b>1.37 g/cm<sup>3</sup></b>	<b>N/A</b>
	Color	<b>Light Grey</b>	
D638M	Tensile Strength	<b>~ 47 Mpa</b>	<b>~ 52 Mpa</b>
D638M	Elongation at Break	<b>2.3 %</b>	<b>~ 1.2%</b>
D790M	Flexural Strength	<b>~ 100 Mpa</b>	<b>~ 125 Mpa</b>
D790M	Flexural Modulus	<b>~ 4500 Mpa</b>	<b>~ 6700 Mpa</b>
	Hardness ( Shore D)	<b>93</b>	<b>93</b>
D648	Heat Deflection Temperature	<b>~ 60-68 °C</b>	<b>&lt; 220°C</b>
IEC 60243-1	Electric Strength	<b>28.7 kV/mm</b>	

Tolerances: ± 0.2 % ( min 0.2 mm)

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