

High Precision 3120 White Resin Technical Data Sheet

Liquid Properties	
Appearance	White to off-white liquid, after UV the appearance will be slightly yellowish
Viscosity	~205 cps @ 30 oC
Density	~1.09 g/cm ³ @ 25 oC

Mechanical Properties		
Property Description	Typical Values	Method
Tensile Strength	47.3 MPa	D638
Tensile Modulus	2620 MPa	D638
Elongation @ Break	8.7 %	D638
Flexural Strength	8.7 %	D790
Flexural Modulus	2490 MPa	D790
Impact Strength (Notched)	21.2 J/m	D256
Hardness (Shore D)	80 D	D2240

Thermal Properties		
Property Description	Typical Values	Method
HDT @ 0.455 MPa	47.7 oC	D648
HDT @ 1.82 MPa	43.6 oC	D648

*** These values may vary and should only be used as reference. It is important that test your prototype to ensure it meets your requirements.