

PRIMARY MFG

Rigid White DLS

Picture
Coming Soon

This biocompatible-capable material provides a smooth surface finish, long-term environmental stability, and long-lasting, clean white color.

Tensile Properties, ASTM D638	Metric	U.S.
Tensile Modulus	2100 MPa	300 KSI
Ultimate Tensile Strength	57 MPa	8200PSI
Tensile Strength at Yield	57 MPa	8200 PSI
Elongation at Break		20%
Elongation at Yield		4.5%
Flexural Properties, ASTM D790		
Flexural Modulus	2200 MPa	320 KSI
Flexural Strength	84 MPa	12200 PSI
Impact Properties		
Notched Izod, ASTM D256	21 J/m	0.4 Ft-lbs/in
Unnotched Izod, ASTM D4812	160 J/m	3 Ft-lbs/in
Thermal Properties		
Heat Deflection, ASTM D648	65°C @0.45 MPa	149°F @66PSI
	55°C @1.82 MPa	131°F @264 PSI
Coefficient of Thermal Expansion, ASTM E831	(-20°C to 50°C) 82 PPM/°C	(75°C to 180°C) 46 PPM/°F
	(-20°C to 50°C) 146 PPM/°C	(75°C to 180°C) 81 PPM/°F
Glass Transition, ASTM E1640	64°C	148°F
Electrical Properties ASTM D150		
Dielectric Constant @ 1 MHz	3.21 kV/mm	

