

PRIMARY MFG

RPU 70 DLS

Picture
Coming Soon

RPU 70 is a tough, rigid material that is a good choice for parts requiring strength, toughness, and moderate heat-resistance.

Tensile Properties, ASTM D638, Type I	Metric	US.
Tensile Modulus	1700 MPa	245 KSI
Ultimate Tensile Strength	40 MPa	6 KSI
Yield Strength	40 MPa	6 KSI
Elongation at Break		30%
Flexural Properties, ASTM D790-B		
Flexural Stress at 5% strain	55 MPa	8 KSI
Flexural Modulus (Chord, 0.5-1%)	1500 MPa	220 KSI
Thermal Properties		
Heat Deflection Temperature at 0.455 MPa/66 psi, ASTM D648	60 °C	140 °F
Dielectric/Electric Properties		
Dielectric Constant, ASTM D150		3.3
Dissipation Factor, ASTM D150		0.017
General Properties		
Hardness, ASTM D2240		80 Shore D
Density, ASTM D792		1.08 g/cm ³
Density (liquid)		1.01 g/cm ³