

PRIMARY MFG

EPX 82 DLS

Picture
Coming Soon

Combines functional toughness, stiffness, and temperature resistance. Perfect for automotive and aerospace applications.

Tensile Properties, ISO 572-2, 1A	Metric	US.
Tensile Modulus	2800 MPa	410 KSI
Ultimate Tensile Strength	82 MPa	12 KSI
Tensile Strength at Yield	82 MPa	12 KSI
Elongation at Break	5.9%	
Elongation at Yield	5.5%	
Flexural Properties, ASTM D790-B		
Flexural Modulus	3000 MPa	440 KSI
Flexural Strength	130 MPa	19 PSI
Impact Properties		
Notched Izod, ASTM D256	44 J/m	0.82 Ft-lbs/in
Unnotched Izod, ASTM D4812	370 J/m	6.9 Ft-lbs/in
Thermal Properties		
Heat Deflection, ASTM D648	115°C @0.45 MPa	240°F @66PSI
	99°C @1.82 MPa	210°F @264 PSI
Coefficient of Thermal Expansion, ASTM E831	88 PPM/°C	49 PPM/°F
General Properties		
Density, ASTM D792	1.155 g/cm ³	0.042 lb/in ³
Hardness, ASTM D2240	89 (instant), 88 (5 sec) Shore D	
Water absorption, 23°C, 24 hours, ASTM D570	0.74%	