

PPS Technical Data Sheet (TDS)

Mechanical Properties	Metric	Test Method
Tensile Strength	50MPa	ISO 527
Tensile Elongation	5%	ISO 527
Flexural Strength	83 MPa	ISO 527
Flexural Modulus	2300 MPa	ISO 527
Impact Strength (Charpy)	2 kJ/m ²	ISO 179

Thermal Properties	Metric	Test Method
Glass Transition Temperature	86° C	DSC
Deflection Temperature at 0.45MPa (66psi)	180 C	ISO 75

Fire Testing*	Metric	Test Method
Flammability Rating (*Base Resin)	V-0@1.5mm	UL 94

Other Properties	Metric	Test Method
Density	1.38g/cm ³	ISO 1183

Updated on November 11, 2022