



Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	ISO 1183
Water Absorption at Saturation	0.35 %	0.35 %	ISO 62
Viscosity Test	180 cm ³ /g	180 cm ³ /g	Viscosity Number; ISO 1628-5
Melt Flow	12.6 g/10 min @Load 2.16 kg, Temperature 250 °C	12.6 g/10 min @Load 4.76 lb, Temperature 482 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 868
Tensile Strength, Yield	27.0 MPa	3920 psi	ISO 527-2/1A
Elongation at Break	>= 50 %	>= 50 %	ISO 527-2/1A
Elongation at Yield	25 %	25 %	ISO 527-2/1A
Tensile Modulus	0.500 GPa	72.5 ksi	ISO 527-1/2
Charpy Impact Unnotched 	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	ISO 179/1eU
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ISO 179/1eU

Charpy Impact, Notched 	0.800 J/cm ² @Temperature -30.0 °C	3.81 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eA
	3.00 J/cm ² @Temperature 23.0 °C	14.3 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
CTE, linear	170 μm/m-°C @Temperature 23.0 - 80.0 °C	94.4 μin/in-°F @Temperature 73.4 - 176 °F	ISO 11359
Melting Point	200 - 205 °C	392 - 401 °F	DSC

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.