

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3200 / 1350	MPa	ISO 527
Yield stress	83 / 55	MPa	ISO 527
Yield strain	4.5 / 2.6	%	ISO 527
Flexural modulus, 23°C	2790 / 1110	MPa	ISO 178
Charpy notched impact strength, +23°C	60 / 200	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	68 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200 / *	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1140	kg/m <sup>3</sup>	ASTM D 792

Material specific properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	139 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	270 - 290	°C	-
Mold temperature	60 - 90	°C	-

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Regional Availability

North America, Europe, South and Central America

### Delivery form

Natural Color