

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	7500 / 7200	MPa	ISO 527
Stress at break	125 / 115	MPa	ISO 527
Strain at break	5 / 5	%	ISO 527
Charpy impact strength, +23°C	90 / 80	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	90 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	13 / 13	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	9 / -	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	150 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Water absorption	1.1 / *	%	Sim. to ISO 62
Humidity absorption	0.6 / *	%	Sim. to ISO 62
Density	1220 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.08	%	-
Melt temperature	220 - 260	°C	-
Mold temperature	80 - 100	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Thermal Stability

**Chemical Resistance**

General Chemical Resistance, Oil Resistance

**Regional Availability**

Europe