

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	11000 / 6500	MPa	ISO 527
Tensile Strength	225 / 130	MPa	ISO 527
Strain at break	3 / 6	%	ISO 527
Charpy impact strength, +23°C	85 / 90	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / 25	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	220 / 100	MPa	ISO 2039-1
Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	257 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	220 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	160 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	20 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	100 / *	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E12 / 1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E12	Ohm	IEC 62631-3-2
Electric strength	26 / 21	kV/mm	IEC 60243-1
Comparative tracking index	- / 500	-	IEC 60112
Other properties	dry / cond	Unit	Test Standard
Water absorption	6 / *	%	Sim. to ISO 62
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1400	kg/m <sup>3</sup>	ASTM D 792
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	80 - 90	°C	-

**Characteristics****Processing**

Injection Molding

**Chemical Resistance**

Hydrolytically Stable

**Delivery form**

Black

**Regional Availability**

North America, Europe, South and Central America

**Special Characteristics**

Heat stabilized or stable to heat