

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	3600 / 1600	MPa	ISO 527
Yield stress	80 / 45	MPa	ISO 527
Strain at break	15 / >50	%	ISO 527
Flexural modulus, 23°C	3300 / 1450	MPa	ISO 178
Charpy impact strength, +23°C	80 / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	4 / 9	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	70 / N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	3.5 / 9	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	75 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	215 / *	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.4 / *	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Comparative tracking index	600 / -	-	IEC 60112
<b>Other properties</b>			
Density	1170 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	60 - 80	°C	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific

### Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free