

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	5200 / 3100	MPa	ISO 527
Stress at break	110 / 70	MPa	ISO 527
Strain at break	3.5 / 14	%	ISO 527
Flexural modulus, 23°C	4700 / 2500	MPa	ISO 178
Charpy impact strength, +23°C	70 / 105	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	60 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	14 / 27	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	5 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	210 / *	°C	ISO 306
Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Other properties	dry / cond	Unit	Test Standard
Density	1200 / -	kg/m <sup>3</sup>	ISO 1183
Material specific properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	145 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	250 - 290	°C	-
Mold temperature	80 - 100	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

High impact or impact modified

### Delivery form

Black

### Regional Availability

North America, Europe, Asia Pacific