

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	6400 / 3700	MPa	ISO 527
Stress at break	140 / 80	MPa	ISO 527
Strain at break	3.5 / 12	%	ISO 527
Flexural modulus, 23°C	6100 / -	MPa	ISO 178
Flexural strength	200 / -	MPa	ISO 178
Charpy impact strength, +23°C	45 / 90	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	43 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	7 / 10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	6 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	200 / -	MPa	ISO 2039-1

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	34 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	111 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E11 / 1E8	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E10	Ohm	IEC 62631-3-2
Comparative tracking index	600 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	7.3 / *	%	Sim. to ISO 62
Density	1240 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Natural Color

### Special Characteristics

Light stabilized or stable to light, Heat stabilized or stable to heat

### Applications

Automotive

### Regional Availability

Europe, Asia Pacific