

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>18000 / 18000</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>270 / 230</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>2.5 / 2.5</b>	%	ISO 527
Flexural modulus, 23°C	<b>16000 / 15000</b>	MPa	ISO 178
Flexural strength	<b>380 / 350</b>	MPa	ISO 178
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>17 / 16</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>R 103</b>	-	ISO 2039-2

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>240 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>250 / *</b>	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8 / *</b>	mm	-
Yellow Card available	<b>yes / *</b>	-	-
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>12</b>	E-6/K	ASTM D 696

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	<b>1E13 / -</b>	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	<b>* / &gt;1E15</b>	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	<b>38 / -</b>	kV/mm	IEC 60243-1
<sup>[C]</sup> Comparative tracking index	<b>600 / -</b>	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	<b>1.2 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1590 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80 - 90</b>	°C	-
Pre-drying - Time	<b>2 - 3</b>	h	-
Melt temperature	<b>280 - 300</b>	°C	-
Mold temperature	<b>100 - 120</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Applications

Automotive

### Delivery form

Pellets, Black

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa