

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	18600 / 14800	MPa	ISO 527
<sup>[C]</sup> Stress at break	232 / 163	MPa	ISO 527
<sup>[C]</sup> Strain at break	2 / 3	%	ISO 527
Flexural modulus, 23°C	15400 / 12300	MPa	ISO 178
Flexural strength	394 / 269	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	82 / 71	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	13 / 13	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	221 / 181	MPa	ASTM D 638
Elongation at Break	2 / 3	%	ASTM D 638
Flexural Modulus	15700 / 12700	MPa	ASTM D 790
Flexural Strength	348 / 284	MPa	ASTM D 790
Rockwell Hardness	M 95 / M 88	-	ASTM D 785
Izod Impact notched, 1/8 in	110 / 118	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	225 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240 / *	°C	ISO 75-1/-2
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	20	E-6/K	ASTM D 696
DTUL @ 264 psi	225	°C	ASTM D 648

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	28 / -	kV/mm	IEC 60243-1
<sup>[C]</sup> Comparative tracking index	450 / -	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	28 / -	kV/mm	ASTM D 149

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	1.1 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1640 / -	kg/m <sup>3</sup>	ISO 1183
Density	1640	kg/m <sup>3</sup>	ASTM D 792

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	275 - 295	°C	-
Mold temperature	85 - 95	°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

**Special Characteristics**

U.V. stabilized or stable to weather