

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	5800 / 3600	MPa	ISO 527
<sup>[C]</sup> Stress at break	107 / 73	MPa	ISO 527
<sup>[C]</sup> Strain at break	2.5 / 11	%	ISO 527
Flexural modulus, 23°C	4800 / 3300	MPa	ISO 178
Flexural strength	162 / 116	MPa	ISO 178
<sup>[C]</sup> Charpy impact strength, +23°C	26 / 38	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	6 / 5	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	108 / 79	MPa	ASTM D 638
Elongation at Break	2.5 / 8	%	ASTM D 638
Flexural Modulus	4900 / 2500	MPa	ASTM D 790
Flexural Strength	167 / 108	MPa	ASTM D 790
Rockwell Hardness	M 94 / M 71	-	ASTM D 785
Taber Abrasion Resistance	9	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	49 / 59	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	235 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-
Coefficient of Thermal Expansion, MD	39.6	E-6/K	ASTM D 696
DTUL @ 66 psi	258	°C	ASTM D 648
DTUL @ 264 psi	240	°C	ASTM D 648

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 1E15	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	26 / -	kV/mm	IEC 60243-1
<sup>[C]</sup> Comparative tracking index	425 / -	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	26 / -	kV/mm	ASTM D 149
Volume Resistivity	1E15 / -	Ohm*cm	ASTM D 257

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	2.1 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1250 / -	kg/m <sup>3</sup>	ISO 1183
Density	1250	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	75 - 85	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Automotive

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