

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	29	cm <sup>3</sup> /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Melt flow index, MFI	34	g/10min	ISO 1133

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	3400	MPa	ISO 527
Yield stress	73	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	3200	MPa	ISO 178
<sup>[C]</sup> Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Strength	72	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	3100	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Taber Abrasion Resistance	13	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	61	J/m	ASTM D 256

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	165	°C	ISO 75-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
<sup>[C]</sup> Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.7	mm	-
Yellow Card available	yes	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	100	E-6/K	ASTM D 696
DTUL @ 66 psi	172	°C	ASTM D 648
DTUL @ 264 psi	136	°C	ASTM D 648

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	18	kV/mm	ASTM D 149
Surface Resistivity	1E17	Ohm	ASTM D 257
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Arc Resistance	250	s	ASTM D 495

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	1420	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	0.2	%	ASTM D 570
Density	1420	kg/m <sup>3</sup>	ASTM D 792

[C]: CAMPUS

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>80 - 90</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Melt temperature	<b>190 - 210</b>	°C	-
Mold temperature	<b>60</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Features**

Homopolymer

**Delivery form**

Pellets

**Regional Availability**

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