

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>6</b>	g/10min	ISO 1133
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Modulus	<b>2000</b>	MPa	ISO 527
Yield stress	<b>65</b>	MPa	ISO 527
Nominal strain at break	<b>&gt;50</b>	%	ISO 527
Stress at break	<b>65</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>2200</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>90</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>R 120</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Taber Abrasion Resistance	<b>12</b>	mg/1000 cycles	ASTM D 1044
<b>Thermal properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Temp. of deflection under load, 1.80 MPa	<b>132</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>142</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>150</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.9</b>	mm	-
Yellow Card available	<b>yes</b>	-	-
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>65</b>	E-6/K	ASTM D 696
Limiting Oxygen Index	<b>27</b>	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Relative permittivity, 1MHz	<b>2.85</b>	-	IEC 62631-2-1
Dissipation factor, 1MHz	<b>92</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>&gt;1E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>30</b>	kV/mm	IEC 60243-1
<b>ASTM Data</b>			
Arc Resistance	<b>110</b>	s	ASTM D 495
<b>Optical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Luminous transmittance	<b>87</b>	%	ISO 13468-1, -2
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Density	<b>1200</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Delivery form**

Pellets, Powder

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Transparent