

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	65	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Charpy notched impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	74	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R118	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	122	°C	ISO 75-1/-2
Vicat softening temperature, B	147	°C	ISO 306
Coeff. of linear therm. expansion, parallel	68	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Oxygen index	26	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 100Hz	3	-	IEC 62631-2-1
Relative permittivity, 1MHz	3	-	IEC 62631-2-1
Dissipation factor, 1MHz	20	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	17	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	1	%	ASTM D 1003
Light Transmittance	89	%	ASTM D 1003
Index of Refraction	1.59	-	ASTM D 542

Other properties	Value	Unit	Test Standard
Humidity absorption	0.32	%	Sim. to ISO 62
Density	1200	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Processing**

Injection Molding

**Additives**

Release agent

**Applications**

Electrical and Electronical

**Regional Availability**

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

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat