

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	70	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Charpy notched impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	70	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	125	°C	ISO 75-1/-2
Vicat softening temperature, B	148	°C	ISO 306
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Oxygen index	40	%	ISO 4589-1/-2
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	17	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112
<b>Optical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Light Transmittance	88.5	%	ASTM D 1003
<b>Other properties</b>			
Value	Unit	Test Standard	
Density	1200	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Value	Unit	Test Standard	
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	≥300	°C	-
Mold temperature	70 - 100	°C	-

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Applications**

Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific, Near East/Africa

**Special Characteristics**

Flame retardant, Phosphorus-free, Transparent