

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	100	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	4800	MPa	ISO 178
Charpy notched impact strength, +23°C	5.5	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R120	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Electric strength	17	kV/mm	IEC 60243-1
<b>ASTM Data</b>			
Dissipation Factor, 60 Hz	0.002	-	ASTM D 150
Dielectric Constant, 60 Hz	3.2	-	ASTM D 150
<b>Other properties</b>			
Density	1540	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.05	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230	°C	-
Zone 2	245	°C	-
Zone 3	240	°C	-
Nozzle temperature	250	°C	-
Screw speed	80 - 120	rpm	-
Back pressure	0.5 - 1	MPa	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant, Heat stabilized or stable to heat

### Features

Non Blooming

### Applications

Automotive, Electrical and Electronical

### Regional Availability

North America, Europe, Asia Pacific