

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	33000	MPa	ISO 527
Tensile Strength	325	MPa	ISO 527
Flexural modulus, 23°C	28000	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	330	°C	ISO 75-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Surface resistivity	10000	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1410	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	390	°C	-
Mold temperature	170 - 200	°C	-
Zone 1	360 - 370	°C	-
Zone 2	380 - 390	°C	-
Zone 3	390 - 400	°C	-
Nozzle temperature	360 - 380	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Black

### Special Characteristics

Increased electrical conductivity, Flame retardant

### Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

### Applications

Aircraft and Aerospace, Automotive, Medical

### Regional Availability

North America, Europe, Asia Pacific