

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	50	MPa	ISO 527
Tensile Strength	25	MPa	ISO 527
Strain at break	900	%	ISO 527
Stress at 100% elongation	8	MPa	ISO 527
Stress at 300% elongation	13	MPa	ISO 527
Shore A hardness	88	-	ISO 7619-1

Electrical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Volume resistivity	0.3	Ohm*m	PRE021
Surface resistivity	2000	Ohm	IEC 61340-2-3

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1210	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	180 - 210	°C	-
Mold temperature	20 - 40	°C	-
Injection pressure	20 - 80	MPa	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3	h	-
Mold temperature	40	°C	-
Zone 1	165 - 190	°C	-
Nozzle temperature	170 - 180	°C	-

## Characteristics

### Processing

Injection Molding, Profile Extrusion, Other Extrusion

### Special Characteristics

Increased electrical conductivity

### Certifications

RoHS compliant

### Applications

Electrical and Electronical

### Regional Availability

Europe, Asia Pacific