

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1050	MPa	ISO 527
Stress at break	22.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Izod notched impact strength, +23°C	37.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	168	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	40	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E8	Ohm*m	IEC 62631-3-1
Surface resistivity	1E10	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	1040	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	1	h	-
Melt temperature	210 - 230	°C	-
Mold temperature	20 - 50	°C	-
Zone 1	150 - 180	°C	-
Zone 2	200 - 240	°C	-
Zone 3	200 - 240	°C	-
Nozzle temperature	230	°C	-
Back pressure	0.3 - 2	MPa	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

Anti-static, Flame retardant

### Features

Homopolymer

### Regional Availability

Europe, Near East/Africa