

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>38500 / 36500</b>	MPa	ISO 527
Tensile Strength	<b>290 / 235</b>	MPa	ISO 527
Strain at break	<b>1.1 / 0.9</b>	%	ISO 527
Flexural modulus, 23°C	<b>36000 / 35000</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>60 / 35</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>50 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6.7 / 6.3</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>6.4 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	<b>45 / -</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>7.5 / -</b>	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>230 / *</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10

Other properties	dry / cond	Unit	Test Standard
Density	<b>1570 / -</b>	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	<b>0.24</b>	%	ASTM D 570

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>0.5 - 1.5</b>	h	-
Melt temperature	<b>280</b>	°C	-
Mold temperature	<b>120 - 160</b>	°C	-
Zone 1	<b>250 - 260</b>	°C	-
Zone 2	<b>260 - 290</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Special Characteristics

Increased electrical conductivity

### Features

Creep Resistance

### Chemical Resistance

General Chemical Resistance

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa