

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>36</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>1.5</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>1.4</b>	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>36</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.013</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Strength	<b>38</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>283</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>120</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	<b>63</b>	-	ISO 7619-1
<b>ASTM Data</b>			
Tensile Strength	<b>37</b>	MPa	ASTM D 638
Flexural Modulus	<b>438</b>	MPa	ASTM D 790
Shore D Hardness	<b>63</b>	-	ASTM D 2240
Taber Abrasion Resistance	<b>7</b>	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	<b>N</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>120</b>	J/m	ASTM D 256
Temperature	<b>-40</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melting temperature, 10°C/min	<b>215</b>	°C	ISO 11357-1/-3
Vicat softening temperature, A	<b>192</b>	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>0.8</b>	mm	-
DTUL @ 66 psi	<b>120</b>	°C	ASTM D 648
Melting Temperature	<b>210</b>	°C	ASTM D 3418
<b>Electrical properties</b>			
<b>ISO Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Volume resistivity	<b>1E12</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>21.7</b>	kV/mm	IEC 60243-1
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1230</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Pre-drying - Temperature	<b>100 - 120</b>	°C	-
Pre-drying - Time	<b>3 - 6</b>	h	-
Processing humidity	<b>≤0.08</b>	%	-
Zone 1	<b>180 - 200</b>	°C	-
Zone 2	<b>180 - 230</b>	°C	-
Zone 3	<b>200 - 240</b>	°C	-
Nozzle temperature	<b>220 - 245</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America, Asia Pacific