

**Product Texts**

Enhanced Flow Polyetherimide in 350 micron powder.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>10</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>5</b>	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>6.6</b>	g/10min	ASTM D 1238
Temperature	<b>295</b>	°C	-
Load	<b>6.6</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>3000</b>	MPa	ISO 527
Yield stress	<b>90</b>	MPa	ISO 527
Yield strain	<b>5</b>	%	ISO 527
Stress at break	<b>90</b>	MPa	ISO 527
Strain at break	<b>10</b>	%	ISO 527
Flexural modulus	<b>3000</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C, 4mm	<b>N</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength, -30°C, 4mm	<b>N</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	<b>3440</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>97</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>97</b>	MPa	ASTM D 638
Elongation at Yield	<b>5</b>	%	ASTM D 638
Elongation at Break	<b>10</b>	%	ASTM D 638
Flexural Modulus	<b>3400</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>21</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>20</b>	J/m	ASTM D 256
Temperature	<b>-30</b>	°C	-
Izod Impact unnotched, 1/8 in	<b>470</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>190</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>211</b>	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	<b>212</b>	°C	ISO 306
<b>ASTM Data</b>			
Vicat Temperature	<b>205</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>1.25</b>	%	Sim. to ISO 62
Humidity absorption	<b>0.7</b>	%	Sim. to ISO 62
Density	<b>1270</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1270</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America