

**Product Texts**

20% Glass fiber filled, enhanced flow Polyetherimide (Tg 217C). ECO Conforming. US FDA Food Contact compliant in recognized colors.

UL Yellow Card Link [E121562-221093](https://www.ulprospector.com/usa/2210F)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>6800</b>	MPa	ISO 527
Yield stress	<b>140</b>	MPa	ISO 527
Yield strain	<b>2</b>	%	ISO 527
Stress at break	<b>140</b>	MPa	ISO 527
Strain at break	<b>2</b>	%	ISO 527
Flexural modulus	<b>6500</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C, 4mm	<b>5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength, -30°C, 4mm	<b>5</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Modulus	<b>6890</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>139</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>140</b>	MPa	ASTM D 638
Elongation at Yield	<b>2</b>	%	ASTM D 638
Flexural Modulus	<b>6890</b>	MPa	ASTM D 790
Izod Impact unnotched, 1/8 in	<b>475</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, B	<b>212</b>	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	<b>218</b>	°C	ISO 306
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.4</b>	mm	-
Burning behav. 5V at thickness h	<b>5VA</b>	class	IEC 60695-11-20
Thickness tested	<b>1.9</b>	mm	-
<b>ASTM Data</b>			
Vicat Temperature	<b>226</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>1</b>	%	Sim. to ISO 62
Humidity absorption	<b>0.55</b>	%	Sim. to ISO 62
Density	<b>1420</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America

**Certifications**

Food contact, Food approval FDA 21 CFR