

**Product Texts**

Standard flow Polyetherimide (Tg 217C). ECO Conforming. US FDA and EU Food Contact compliant. UL94 V0, V2 and 5VA listing. Effective June 2007, this grade will no longer be supported with biocompatibility information and should not be used for medical applications which require biocompatibility. Alternative grade HU1100.

UL Yellow Card Link [F121562-101048254](https://www.ul.com/yellow-card/F121562-101048254)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>8.8</b>	g/10min	ASTM D 1238
Temperature	<b>337</b>	°C	-
Load	<b>6.6</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>3720</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>110</b>	MPa	ASTM D 638
Elongation at Break	<b>70</b>	%	ASTM D 638
Izod Impact notched, 1/8 in	<b>37</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at thickness h	<b>V-2</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>3.0</b>	mm	-

Other properties	Value	Unit	Test Standard
Density	<b>1360</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>150</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Melt temperature	<b>350 - 400</b>	°C	-
Mold temperature	<b>135 - 165</b>	°C	-
Zone 1	<b>330 - 400</b>	°C	-
Zone 2	<b>340 - 400</b>	°C	-
Zone 3	<b>345 - 400</b>	°C	-
Screw speed	<b>40 - 70</b>	rpm	-
Back pressure	<b>0.3 - 0.7</b>	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America

**Certifications**

Food contact, Food approval FDA 21 CFR