

**Product Texts**

30% Milled glass filled, enhanced flow Polyetherimide (Tg 217C). ECO Conforming, UL94 V0 and 5VA listing.

UL Yellow Card Link [E121562-221100](https://www.ulprospector.com/221100)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Thermal conductivity of melt	0.3	W/(m K)	-
Spec. heat capacity of melt	1920	J/(kg K)	-
Ejection temperature	208	°C	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	10.1	g/10min	ASTM D 1238
Temperature	337	°C	-
Load	6.6	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	5990	MPa	ASTM D 638
Tensile Strength at Break	103	MPa	ASTM D 638
Elongation at Break	3.5	%	ASTM D 638
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Coeff. of linear therm. expansion, parallel	27.3	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	33.4	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Constant, 1 MHz	3.49	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Density	1510	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

North America

**Applications**

Automotive