

Product Texts

20% Glass fiber filled, standard flow Polyetherimide copolymer (Tg 225C) with internal mold release and enhanced chemical resistance to strong acids, bases, aromatics, and ketones. ECO Conforming.

UL Yellow Card Link [E121562-103873032](https://www.ulprospector.com/usa/121562-103873032)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Thermal conductivity of melt	0.29	W/(m K)	-
Spec. heat capacity of melt	1170	J/(kg K)	-
Ejection temperature	215	°C	-
ASTM Data			
Melt Flow Index, MFI	3.1	g/10min	ASTM D 1238
Temperature	337	°C	-
Load	6.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6890	MPa	ASTM D 638
Tensile Strength at Break	131	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Izod Impact notched, 1/8 in	74	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	15.8	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	43.7	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	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	365 - 390	°C	-
Mold temperature	135 - 165	°C	-
Zone 1	345 - 365	°C	-
Zone 2	355 - 375	°C	-
Zone 3	365 - 390	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics

Processing

Injection Molding

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

North America