

Product Texts

30% Glass fiber filled, standard flow Polyetherimide copolymer (Tg 225C) with enhanced chemical resistance to strong acids, bases, aromatics, and ketones. ECO conforming, UL94 V0 and 5VA listing.

UL Yellow Card Link [E121562-221120](https://www.ulprospector.com/121562-221120)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	337	°C	-
Load	6.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	8960	MPa	ASTM D 638
Tensile Strength at Break	165	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Izod Impact notched, 1/8 in	112	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1510	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

Applications
Automotive

Chemical Resistance
General Chemical Resistance

Regional Availability
Asia Pacific