

Product Texts

Standard flow Polyetherimide (Tg 217C). ECO Conforming, UL94 V0, V2 and 5VA listing.

UL Yellow Card Link [E121562-101048254](https://www.ul.com/yellowcard/E121562-101048254)

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

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

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1360	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	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