

Product Texts

High flow Polyetherimide blend. ECO Conforming, UL94 V0 Listing. US FDA Food Contact compliant.

UL Yellow Card Link [E121562-221073](https://www.ulprospector.com/usa/Products/121562-221073)

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	24	g/10min	ASTM D 1238
Temperature	337	°C	-
Load	6.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	96	MPa	ASTM D 638
Elongation at Break	70	%	ASTM D 638
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	2080	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. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	135	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	350 - 370	°C	-
Mold temperature	135 - 165	°C	-
Zone 1	340 - 360	°C	-
Zone 2	345 - 365	°C	-
Zone 3	350 - 370	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific

Certifications

Food contact, Food approval FDA 21 CFR