

Product Texts

20% Milled glass filled, enhanced flow Polyetherimide (Tg 217C) with internal mold release. ECO Conforming, UL94 V0 and 5VA listing.

UL Yellow Card Link [E121562-221097](https://www.ulprospector.com/121562-221097)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Stress at break	75	MPa	ISO 527
Strain at break	8	%	ISO 527
Izod impact strength, +23°C, 4mm	30	kJ/m ²	ISO 180/1U

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 120°C/h 50N	211	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Thermal Conductivity	0.28	W/(m K)	DIN 52616

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ISO 1183

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	360 - 400	°C	-
Mold temperature	140 - 180	°C	-
Feed temperature	80 - 100	°C	-
Zone 1	340 - 380	°C	-
Zone 2	360 - 400	°C	-
Zone 3	370 - 410	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Applications

Automotive