

Product Texts

High flow Polyetherimide blend.

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	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	96	MPa	ASTM D 638
Elongation at Break	70	%	ASTM D 638
Flexural Modulus	3170	MPa	ASTM D 790
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
ASTM Data			
DTUL @ 264 psi	190	°C	ASTM D 648

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	-
Nozzle temperature	350 - 370	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.3 - 0.7	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America