

Product Texts

Transparent Polyetherimide blend. ECO Conforming. US FDA and EU Food Contact Compliant in recognized colors.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8.1	g/10min	ASTM D 1238
Temperature	295	°C	-
Load	6.6	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3370	MPa	ASTM D 638
Tensile Strength at Yield	110	MPa	ASTM D 638
Tensile Strength at Break	82	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Izod Impact notched, 1/8 in	26	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	181	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1290	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 150	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.02	%	-
Melt temperature	300 - 330	°C	-
Mold temperature	95 - 150	°C	-
Zone 1	280 - 315	°C	-
Zone 2	290 - 320	°C	-
Zone 3	295 - 325	°C	-
Screw speed	50 - 100	rpm	-
Back pressure	0.7 - 1.4	MPa	-

Characteristics

Processing
Injection Molding

Certifications
Food contact, Food approval FDA 21 CFR

Special Characteristics
Transparent

Regional Availability
Asia Pacific