

SABIC Innovative Plastics Ultem 2110N PEI

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

10% Glass fiber filled, enhanced flow Polyetherimide (Tg 217C). ECO Conforming. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Ultem-2110N-PEI.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D 792
Melt Flow	10.4 g/10 min @Load 6.60 kg, Temperature 337 °C	10.4 g/10 min @Load 14.6 lb, Temperature 639 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	115 MPa	16700 psi	Type I, 5 mm/min; ASTM D 638
Tensile Strength, Yield	114 MPa	16500 psi	Type I, 5 mm/min; ASTM D 638
Elongation at Break	6.0 %	6.0 %	Type I, 5 mm/min; ASTM D 638
Tensile Modulus	4.61 GPa	669 ksi	5 mm/min; ASTM D 638
Flexural Strength	199 MPa	28900 psi	2.6 mm/min, 100 mm span; ASTM D 790
Flexural Modulus	5.24 GPa	760 ksi	2.6 mm/min, 100 mm span; ASTM D 790
Izod Impact, Notched	0.480 J/cm @Temperature 23.0 °C	0.899 ft-lb/in @Temperature 73.4 °F	ASTM D 256
	4.00 J/cm @Thickness 3.20 mm	7.49 ft-lb/in @Thickness 0.126 in	reverse notched; ASTM D 256
Izod Impact, Unnotched	3.73 J/cm @Temperature 23.0 °C	6.99 ft-lb/in @Temperature 73.4 °F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	207 °C @Thickness 6.40 mm	405 °F @Thickness 0.252 in	unannealed; ASTM D 648
Glass Transition Temp, Tg	217 °C	423 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China