

SABIC Innovative Plastics Ultem JD7902 PEI (Asia Pacific)

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Ultem-JD7902-PEI-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D 792
Water Absorption	0.26 %	0.26 %	ASTM D 570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	127 MPa	18400 psi	SABIC - Japan Method
Elongation at Break	5.0 %	5.0 %	SABIC - Japan Method
Flexural Strength	186 MPa	27000 psi	ASTM D 790
Flexural Modulus	5.88 GPa	853 ksi	ASTM D 790
Izod Impact, Notched	0.490 J/cm	0.918 ft-lb/in	ASTM D 256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
CTE, linear	35.0 Åµm/m-Å°C	19.4 Åµin/in-Å°F	TMA
	@Temperature -30.0 - 30.0 Å°C	@Temperature -22.0 - 86.0 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	210 Å°C	410 Å°F	unannealed; ASTM D 648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+6 - 1.00e+8 ohm	1.00e+6 - 1.00e+8 ohm	ASTM D 257

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