

Victrex® PEEK 650P PolyEtherEtherKetone

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Unreinforced

Material Notes:

High performance thermoplastic material, unreinforced PolyEtherEtherKetone (PEEK), semi crystalline, coarse powder for extrusion compounding, low flow, FDA food contact compliant, color natural. Information Provided by VICTREX®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Victrex-PEEK-650P-PolyEtherEtherKetone.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	ISO 1183
Viscosity	500000 cP @Temperature 400 °C	500000 cP @Temperature 752 °F	melt; ISO 11443

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	90.0 MPa	13100 psi	ISO 527
Elongation at Break	30 %	30 %	ISO 527
Tensile Modulus	3.90 GPa	566 ksi	ISO 527
Flexural Strength	150 MPa	21800 psi	ISO 178
Flexural Modulus	3.60 GPa	522 ksi	ISO 178
Izod Impact, Notched (ISO)	7.50 kJ/m ²	3.57 ft-lb/in ²	ISO 180/A
Izod Impact, Unnotched (ISO)	NB	NB	ISO 180/U

Thermal Properties	Metric	English	Comments
Melting Point	343 °C	649 °F	ISO 11357
Glass Transition Temp, Tg	>= 143 °C	>= 289 °F	Onset; ISO 11357
	150 °C	302 °F	Midpoint; ISO 11357

Processing Properties	Metric	English	Comments
Processing Temperature	380 - 400 °C	716 - 752 °F	
Dry Time	3.00 hour @Temperature 150 °C	3.00 hour @Temperature 302 °F	
	5.00 hour	5.00 hour	

Processing Properties	@Temperature 120 °C Metric	@Temperature 248 °F English	Comments
-----------------------	-------------------------------	--------------------------------	----------

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