

Gharda Chemicals GATONE™ PEEK, 30% Carbon Fiber Reinforced (discontinued **)

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Carbon Fiber Filled

Material Notes:

GATONE™ PEEK grades with carbon fiber reinforcements ranging from 10- 40 % are available in natural or desired color. Custom made grades can be developed to meet specific requirements. CHARACTERISTICS: Outstanding chemical resistance. Outstanding wear resistance. Outstanding resistance to hydrolysis. Excellent mechanical properties. Outstanding thermal properties. Very good dielectric strength, volume resistivity, tracking resistance. Very good radiation resistance. Information provided by Gharda. Solvay Advanced Polymers completed its acquisition of this product line in May 2006.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gharda-Chemicals-GATONE-PEEK-30-Carbon-Fiber-Reinforced-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in³	ISO 118
Filler Content	30 %	30 %	
Moisture Absorption at Equilibrium	0.060 %	0.060 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	244 MPa	35400 psi	ISO 527
Tensile Modulus	13.0 GPa	1890 ksi	ISO 527
Flexural Strength	355 MPa	51500 psi	ISO 178
Flexural Modulus	20.0 GPa	2900 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	(Expected) Continuous use, UL
Deflection Temperature at 1.8 MPa (264 psi)	315 °C	599 °F	ISO 75
Glass Transition Temp, Tg	148 °C	298 °F	DSC
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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