

Sichuan Deyang Haton® hFR70 PPS / AR Polyphenylene Sulfide

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Injection molding, thermal conduction Information provided by Sichuan Deyang Chemical Co., LTD

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sichuan-Deyang-Haton-hFR70-PPS-AR-Polyphenylene-Sulfide.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	GB/T 1033.1-2008
Water Absorption	0.020 %	0.020 %	GB/T 1034-2008
Linear Mold Shrinkage, Flow	0.0010 cm/cm	0.0010 in/in	GB/T 15585-1995
Linear Mold Shrinkage, Transverse	0.0020 cm/cm	0.0020 in/in	GB/T 15585-1995

Mechanical Properties	Metric	English	Comments
Tensile Strength	60.0 MPa	8700 psi	GB/T 1040.2-2006
Elongation at Break	0.30 %	0.30 %	GB/T 1040.2-2006
Flexural Strength	140 MPa	20300 psi	GB/T 9341-2008
Flexural Modulus	15.0 GPa	2180 ksi	GB/T 9341-2008
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	GB/T 1843-2008

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.20 W/m-K	8.33 BTU-in/hr-ft ² - °F	ISO 22007-4
Melting Point	280 °C	536 °F	GBT/T 19466.3-2004
Deflection Temperature at 1.8 MPa (264 psi)	220 °C	428 °F	GB/T 1634.2-2004
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+16 ohm-cm	2.00e+16 ohm-cm	GB/T 1410-2006
Surface Resistivity per Square	2.00e+15 ohm	2.00e+15 ohm	GB/T 1410-2006
Dielectric Constant	4.0	4.0	GB/T 1409-2006
Dielectric Strength	16.0 kV/mm	406 kV/in	GB/T 1408.1-2006

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