

Sichuan Deyang Haton® hFR31 PPS / AR Polyphenylene Sulfide

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS), Conductive

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sichuan-Deyang-Haton-hFR31-PPS-AR-Polyphenylene-Sulfide.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 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	45.0 MPa	6530 psi	GB/T 1040.2-2006
Elongation at Break	0.30 %	0.30 %	GB/T 1040.2-2006
Flexural Strength	110 MPa	16000 psi	GB/T 9341-2008
Flexural Modulus	7.00 GPa	1020 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	2.20 W/m-K	15.3 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	HB	HB	

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