

## Sichuan Deyang Haton® hb Polyphenylene Sulfide Resin

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

**Material Notes:**

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sichuan-Deyang-Haton-hb-Polyphenylene-Sulfide-Resin.php](http://www.lookpolymers.com/polymer_Sichuan-Deyang-Haton-hb-Polyphenylene-Sulfide-Resin.php)

Physical Properties	Metric	English	Comments
Water Absorption	<= 0.50 %	<= 0.50 %	GB/T 2914-2008
Molecular Weight	>= 40000 g/mol	>= 40000 g/mol	
Melt Flow	800 g/10 min	800 g/10 min	GB/T 3682-2000
Ash	<= 2.5 %	<= 2.5 %	GB/T 9345.1-2008

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 50.0 MPa	>= 7250 psi	GB/T 1040.2-2006
Elongation at Break	>= 2.1 %	>= 2.1 %	GB/T 1040.2-2006
Flexural Strength	>= 110 MPa	>= 16000 psi	GB/T 9341-2008
Flexural Modulus	>= 3.00 GPa	>= 435 ksi	GB/T 9341-2008
Izod Impact, Unnotched (ISO)	>= 3.00 kJ/m <sup>2</sup>	>= 1.43 ft-lb/in <sup>2</sup>	GB/T 1843-2008

Thermal Properties	Metric	English	Comments
Melting Point	280 Â°C	536 Â°F	GB/T 16582-2008
Flammability, UL94	V-0	V-0	

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