

Sichuan Deyang Haton[®] hd Polyphenylene Sulfide Resin

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Film grade information provided by Sichuan Deyang Chemical Co., LTD

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sichuan-Deyang-Haton-hd-Polyphenylene-Sulfide-Resin.php

| Physical Properties | Metric | English | Comments |
|---------------------|----------------|----------------|------------------|
| Water Absorption | <= 0.30 % | <= 0.30 % | GB/T 2914-2008 |
| Molecular Weight | >= 50000 g/mol | >= 50000 g/mol | |
| Melt Flow | 150 g/10 min | 150 g/10 min | GB/T 3682-2000 |
| Ash | <= 0.30 % | <= 0.30 % | GB/T 9345.1-2008 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------|---------------------------|-------------------------------|------------------|
| Tensile Strength | >= 75.0 MPa | >= 10900 psi | GB/T 1040.2-2006 |
| Elongation at Break | >= 2.6 % | >= 2.6 % | 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 ² | >= 1.43 ft-lb/in ² | 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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