

Hippe PF CP 201 Cellulose Paper Reinforced Phenolic Resin - Sheet

Category : Polymer , Thermoset , Phenolic , Phenolic, Novolac, Cellulose Filled

Material Notes:

Used in mechanical applications. Used in mechanical properties better than other PF CP types. Poor electrical properties under normal humidity. Also available in hot-punching versions. Information provided by Hippe.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hippe-PF-CP-201-Cellulose-Paper-Reinforced-Phenolic-Resin-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 - 1.40 g/cc	1.30 - 1.40 g/cc	IEC 1212-2 8.1

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 120 MPa	>= 17400 psi	IEC 1212-2 5.7
Flexural Strength	>= 135 MPa	>= 19600 psi	Perpendicular to laminations; IEC 1212-2 5.1
Flexural Modulus	>= 7.00 GPa	>= 1020 ksi	IEC 1212-2 5.2
Compressive Strength	>= 300 MPa	>= 43500 psi	Perpendicular to laminations; IEC 1212-2 5.3
Shear Strength	>= 10.0 MPa	>= 1450 psi	Parallel to laminations; IEC 1212-2 5.6

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 100 V	>= 100 V	IEC 1212-2 6.4

Descriptive Properties	Value	Comments
Thermal Endurance	120 T.I.	IEC 1212-2 7.1
Water Absorption	< 920 mg	IEC 1212-2 8.2; Test piece 50 x 50 x 10 mm

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