

Industrial Laminates/Norplex NP605 Paper Base Laminate

Category : Polymer , Thermoset , Phenolic

Material Notes:

Description: A paper-base laminate with low phenolic resin content for hard, flat surfaces. This material is normally used in the printed circuit board industry as a backup for the drilling operation. However, it is also used in other industries for tooling stock because of its ease of machining and good dimensional stability. Thickness Tested: 0.062", 0.125" and 0.500"

Order this product through the following link:

http://www.lookpolymers.com/polymer_Industrial-LaminatesNorplex-NP605-Paper-Base-Laminate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 - 1.35 g/cc	1.30 - 1.35 g/cc	ASTM D792
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Moisture Absorption at Equilibrium	8.0 %	8.0 %	ASTM D229
	@Thickness 1.57 mm	@Thickness 0.0620 in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	80 - 100	80 - 100	ASTM D785
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Tensile Strength, Yield	89.6 MPa	13000 psi	CW; ASTM D638
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Flexural Strength	117 MPa	17000 psi	LW; ASTM D638
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Flexural Strength	152 MPa	22000 psi	CW; ASTM D790
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Compressive Strength	172 MPa	25000 psi	LW; ASTM D790
	@Thickness 1.57 mm	@Thickness 0.0620 in	
Compressive Strength	241 MPa	35000 psi	ASTM D695
	@Thickness 12.7 mm	@Thickness 0.500 in	

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	
	@Thickness 1.57 mm	@Thickness 0.0620 in	

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Electrical Properties	Metric	English	Comments
Dielectric Breakdown	@Thickness 1.57 mm	@Thickness 0.0620 in	Cond A, ASTM D229 S/S

Descriptive Properties	Value	Comments
Color	Natural	

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