

Prepreg DMD



Dexlu Item No.: D030102P

Properties

Prepreg DMD is formed in the process of precuring the modified F-class DMD with Impregnation of hi-temp resistant B-stage Epoxy resin by baking. With long shelf life at room temp, low precuring temp & time, excellent electrical insulation, bonding and heat-resistant properties. Its thermal Glass is F, widely used for liner insulation of copper foil (aluminum foil)-wrapped Low voltage coils in dry-type transformer and slot insulation & phase insulation in B~F class Motor & electrical appliances.

Data Form

Properties	Unit	Values			
Nominal thickness	mm	0.18	0.20	0.23	0.25
THK Tolerance	mm	±0.030	±0.035		
Tensile Strength MD No bending	N/10mm	≥70	≥80		≥100
Soluble Resin content	g/m ²	75±15			
volatile content	%	≤1.5			
Dielectric Strength	MV/m	≥40			
Appearance	Neat and smooth surface, No obvious non-uniform resin, No inclusions against quality, No surface damage at unreeling. No bubbles, folding damage etc.				

Specification

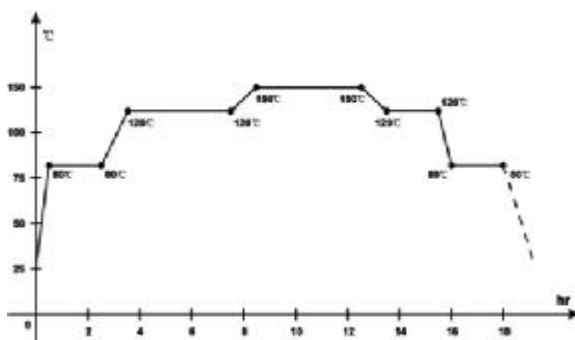
Maximum width: 1500mm, or slit into the width required

Packing: In Carton

Min Qty: 1000kg each size in a lot.

Shelf life: 6 months at 25c from the date of delivery. Over the period, it can be still be used if the re-testing is in agree with the technical requirements. The rolls should stand up, far from heat sources, fire and sunshine.

Application Suggestion



Temp (°C)	Room Temp→80	80 →120	120 →150	150 →120	120 →80
Heating time(h)	0.5	0.5-1	0.5-1	1	0.15
Baking time(h)	1~2	2~4	4	1~2	2

Note: The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.