



DEMS

Phenolic Resin Bonded Paper Laminate

Shrike

Low voltage paper base grade for electrical applications.



- NEMA : X
- (Bakelite)
- Colour : Brown.
- Voltage :20KV
- Temperature: 120°C
- Applications: Spacers, base and side plates, simple jigs and fixtures, in addition to usual range of electrical insulation components.



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PHENOLIC RESIN BONDED PAPER LAMINATE - SHRIKE

<u>PROPERTIES</u>		(D) DIN 7735	HP 2061
		EN 60893/IEC893	PF CP 201
		IS 2036	P-1
		RESIN	PHENOL
		REINFORCEMENT	PAPER
<u>MECHANICAL PROPERTIES</u>	METHOD	UNIT	
FLEXURAL STRENGTH	IS 2036	MPa	140
TENSILE STRENGTH	IS 2036	MPa	130
SHEAR STRENGTH	IS 2036	MPa	70
MODULUS OF ELASTICITY	IS 2036	MPa	7000
COMPRESSIVE STRENGTH	IS 2036	MPa	300
CHARPY IMPACT STRENGTH	IS 2036	KJ/m ²	20
<u>ELECTRICAL PROPERTIES</u>			
ELECTRICAL STENGTH PARALLEL TO LAMINATION	IS 2036	KV	20
PERPENDICULAR TO LAMINATION INSULATION RESISTANCE	IS 2036	MV/m	14
PERMITTIVTY AT 1 MHz	IS 2036	MQ	50
DISSIPATION FACTOR AT 1 MHz	IS 2036		
<u>PHYSICAL PROPERTIES</u>			
DENSITY	IS 2036	G/cm ³	1,3-1,4
WATER ABSORPTION AT 6MM	IS 2036	mg	275
TEMPERATURE INDEX	IS 2036	TI/C	120