DATA SHEET COTTON PHENOLIC LAMINATES

GRADE	: F-2
THICKNESS/SIZE	: 3.0 MM

Type acc to IS 2036/95,		F-2	
Properties	Unit	SPECIFICATION	Observed values
Mechanical Properties			
Cross breaking Strength	Мра	110	115
Impact Strength	kJ/m2	7	10
Shear Strength	Мра	NA	-
Electrical Properties			
Electric strength at 90°C in oil			
• Flatwise min.	-	-	
Edgewise min.	kV	1	>15
Insulation Resistance after immersion In			
water	MΩ	0.5	>100
Dissipation factor at 1MHZ max		NA	-
Permittivity at 1 MHZ		NA	-
Thermal endurance	⁰ C	120	155
Physical properties			
Density	g/cm ³	1.3-1.4	1.37
Water absorption	mg	245	95



All information contained in this data sheet is believed to be reliable and is subject to change due to developments in design, technical specifications, or standards. We advise, however, that customers should separately evaluate the suitability of our products for their application

DATA SHEET COTTON PHENOLIC LAMINATES

GRADE	: F-3
THICKNESS/SIZE	: 3.0 MM

Type acc to IS 2036/95,		F-3	
Properties	Unit	SPECIFICATION	Observed values
Mechanical Properties			
Cross breaking Strength	Мра	100	135
Impact Strength	kJ/m2	8.8	12
Shear Strength	Мра	NA	-
Electrical Properties			
Electric strength at 90ºC in oil			
Flatwise min.	-	-	
Edgewise min.	kV	1	>15
Insulation Resistance after immersion In			
water	MΩ	0.5	>100
Dissipation factor at 1MHZ max		NA	-
Permittivity at 1 MHZ		NA	-
Thermal endurance	⁰ C	120	150
Physical properties			
Density	g/cm ³	1.3-1.4	1.37
Water absorption	mg	245	115



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