



DATA SHEET PAPER COMPOSITES

	P1	P2	P3	UNITS
Mechanical				
Tensile Strength	1050	850	600	kg/cm ²
Flexural Strength	1450	1450	1100	kg/cm ²
Shear Strength	900	820	800	kg/cm ²
Impact Strength				
(Charpy Edgewise)	6.2	6.2	5.5	kg/m ²
Special Gravity	1.38	1.38	1.36	
Water Absorption (3mm)	270	95	72	mg
Electrical				
Insulation Resistance				
(In Water 24hrs @ 20°C)	25	150	5000	Meg Ohms
Electrical Strength				
(In Oil @ 90°C)				
Flat Wise (3mm)	3	7.6	8.5	kv/mm
Edgewise (5mm)	5	30	40	kv
Thermal Classification	120 (Class E)	120 (Class E)	120 (Class E)	
Specifications Met				
BS 2572: Grade	P1	P2/1	P3/1	
EH 60893-3-4	PFCP 201	PFCP 203	PFCP 206	
DIN 7735 Grade	HP 2061	HP 2061,5	HP 2061,6	
NEMA LI 11989 GRADE	X	XX	XXX	
Colour	Natural	Natural	Natural	

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. Data supplied above are "Typical Values", not to be considered "Specification Values".