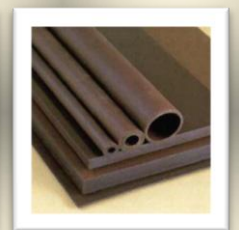


### PAPER COMPOSITES:

#### P1

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>
<b><u>MECHANICAL</u></b>		
TENSILE STRENGTH	1050	kg/cm <sup>2</sup>
FLEXURAL STRENGTH	1450	kg/cm <sup>2</sup>
SHEAR STRENGTH	900	kg/cm <sup>2</sup>
IMPACT STRENGTH (CHARPY EDGEWISE)	6.2	kg/m <sup>2</sup>
SPECIAL GRAVITY	1.38	
WATER ABSORPTION (3MM)	270	mg
<b><u>ELECTRICAL</u></b>		
INSULATION RESISTANCE (IN WATER 24HRS @ 20°C)	25	Meg Ohms
ELECTRICAL STRENGTH (IN OIL @ 90°C)		
FLATWISE (3MM)	3	kv/mm
EDGEWISE (3MM)	5	kv
<b><u>THERMAL CLASSIFICATION</u></b>		
THERMAL CLASSIFICATION	120 (CLASS E)	-
<b><u>SPECIFICATIONS MET:</u></b>		
BS 2572: GRADE	P1	-
EH 60893-3-4	PFCP 201	-
DIN 7735 GRADE	HP 2061	-
NEMA LI 11989 GRADE	X	-
<b><u>COLOUR</u></b>		
COLOUR	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**"



### PAPER COMPOSITES:

#### P2

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>
<b><u>MECHANICAL</u></b>		
TENSILE STRENGTH	850	kg/cm <sup>2</sup>
FLEXURAL STRENGTH	1450	kg/cm <sup>2</sup>
SHEAR STRENGTH	820	kg/cm <sup>2</sup>
IMPACT STRENGTH (CHARPY EDGEWISE)	6.2	kg/m <sup>2</sup>
SPECIAL GRAVITY	1.38	
WATER ABSORPTION (3MM)	95	mg
<b><u>ELECTRICAL</u></b>		
INSULATION RESISTANCE (IN WATER 24HRS @ 20°C)	150	Meg Ohms
ELECTRICAL STRENGTH (IN OIL @ 90°C)		
FLATWISE (3MM)	7.6	kv/mm
EDGEWISE (3MM)	30	kv
THERMAL CLASSIFICATION	120 (CLASS E)	-
<b><u>SPECIFICATIONS MET:</u></b>		
BS 2572: GRADE	P2/1	-
EH 60893-3-4	PFCP 203	-
DIN 7735 GRADE	HP 2061,5	-
NEMA LI 11989 GRADE	XX	-
COLOUR	NATURAL	-

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### PAPER COMPOSITES:

#### **P3**

<u>P3</u>		
<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>
<b><u>MECHANICAL</u></b>		
TENSILE STRENGTH	600	kg/cm <sup>2</sup>
FLEXURAL STRENGTH	1100	kg/cm <sup>2</sup>
SHEAR STRENGTH	800	kg/cm <sup>2</sup>
IMPACT STRENGTH (CHARPY EDGEWISE)	5.5	kg/m <sup>2</sup>
SPECIAL GRAVITY	1.36	
WATER ABSORPTION (3MM)	72	mg
<b><u>ELECTRICAL</u></b>		
INSULATION RESISTANCE (IN WATER 24HRS @ 20°C)	5000	Meg Ohms
ELECTRICAL STRENGTH (IN OIL @ 90°C)		
FLATWISE (3MM)	8.5	kv/mm
EDGEWISE (3MM)	40	kv
THERMAL CLASSIFICATION	120 (CLASS E)	-
<b><u>SPECIFICATIONS MET:</u></b>		
BS 2572: GRADE	P3/1	-
EH 60893-3-4	PFCP 206	-
DIN 7735 GRADE	HP 2061,6	-
NEMA LI 11989 GRADE	XXX	-
COLOUR	NATURAL	-

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