

Laboratory Umang Boards Ltd., A-27, RIICO Industrial Area, Kaladera, Jaipur, Rajasthan

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6778

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Validity 11.09.2018 to 14.02.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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**ELECTRICAL TESTING**

I.	<b>ELECTRICAL MATERIALS SOLID INSULATING MATERIALS</b>			
1.	<b>Pressboard for Electrical Purpose</b>  <b>Pressboards / Pre-compressed Press board characterized by high chemical purity &amp; mechanical strength (Type B.2 and B.3, Type C and D)</b>	Thickness	IS 1576 IEC 60641-2	0.001 mm to 25 mm
		Density	IS 1576 IEC 60641-2	Upto 5 g/cm <sup>3</sup>
		Tensile Strength	IS 1576 IEC 60641-2	200 kg/cm <sup>2</sup> to 2500 kg/cm <sup>2</sup>
		Elongation	IEC 60641-2	Upto 15 %
		Compressibility	IEC 60641-2	200 kg to 2500 kg
		Moisture	IS 1576 IEC 60641-2	Upto 20 %
		Conductivity of Aqueous extract	IS 1576 IEC 60641-2	0 to 500 mS/cm
		pH of Aqueous extract	IS 1576 IEC 60641-2	1 pH to 14 pH
		Shrinkage	IS 1576 IEC 60641-2	Upto 20 %
		Electric Strength / Proof Test	IS 1576 IEC 60641-2	5 kV/mm to 120 kV/mm
		Oil Absorption	IS 1576 IEC 60641-2	Upto 50 %
Ash Content	IS 1576 IEC 60641-2	Upto 5 %		