



## **Insulation press Paper**

Insulation press papers of the type having the required quality specifications for electrical insulation purposes and are made from virgin pulp of high purity, which ensures that product is totally free from any impurities and conductive particles in particular. Insulation press paper is available in reel form with a maximum width of 1500mm and widely used as electrical insulation between layers of wound coils in transformers, capacitors, electrical motors and such electrical equipments. We offer these materials in natural brown colors. The material meets to IEC: 60641-3-2, P.4.1 specifications for electrical purposes.



<b>PROPERTIES PRESS PAPER</b>		
<b>Specification: IEC60641-3-2 P4.1</b>		
<b>Properties</b>	<b>Units</b>	<b>Specified value</b>
<b>Thickness</b>	mm	0.125 - 0.50
<b>Density (Range)</b>	g/cc	1 - 1.20
<b>Oil absorption (Min)</b>	%	10
<b>Electric strength (Min)</b>	In Air In Oil	10 40 - 65
<b>Tensile strength (Min)</b>	MD CD	Mpa 80 40
<b>Elongation (Min)</b>	MD CD	1.0 - 2.5 6.0 - 7.0
<b>Shrinkage (Max)</b>	MD CD PD	1 1.5 7
<b>Conductivity of Aqueous Extract (Max)</b>	mS/m	8
<b>pH of Aqueous Extract (Range)</b>		6.0 - 9.0
<b>Moisture Content (Max)</b>	%	8
<b>Ash Content (Max)</b>	%	1

The paper is available in roll form, standard width 500mm/750 mm/1500mm. Core ID will be 76mm.  
Tolerances on thickness:  $\pm 10\%$