



Cottrell – Fibre

Material Data Sheet

Item:

Cottrell Fibre- Electrical Insulating Paper

Description:

Cottrell Fibre electrical insulating papers are 100% Copaco Rag Stock papers further enhanced to provide excellent rigidity and low water absorption. Meets the physical characteristics of ASTM D710 and MIL-I-695.

Application:

Cottrell Fibre is available in continuous rolls, sheets, or in coils slit to your specifications. This grade is currently manufactured in thicknesses from .005" to .125" with typical lead times of 14 days.

Typical Test Values:

Thickness +/- 10%	Tear (g)	Tear (g)	Tensile (psi)	Tensile (psi)	Elongation %	Elongation %
	MD	CD	MD	CD	MD	CD
.005"	140	155	14,000	7,000	4.0	9.0
.007"	215	220	12,900	8,000	4.0	9.0
.010"	275	350	15,685	9,100	4.5	9.0
.015"	490	490	13,000	10,000	4.5	9.0
.020"	650	820	16,250	9,100	4.5	9.0
.031"	1650	1948	16,000	9,000	4.5	9.0
.062"	>2500	>2500	13,000	9,000	3.0	8.0
.093"	>2500	>2500	13,000	9,000	3.0	8.0

Moisture: <6%
 Water Absorption 24 hr <60%
 Dielectric: Greater than 250 volts per mil (420vpm typical)
 Methanol Extractables: 0.15 - 0.20%
 Density: 1.10 - 1.20
 PH 7.0

- These figures are typical values only and do not constitute a specification.
- Current specifications for all materials are always available on request.
- Cottrell Paper Company's continuous improvement efforts may lead to changes in the above data

Please call us toll free at 1-800-948-3559

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