

## Typical properties of “Kraft Insulation”

Kraft Insulation is produced in multi-layer form on a modified wet machine from an electrical grade, unbleached Kraft wood pulp. The dry finished sheets contain no sizing, coloring or other materials, which would contaminate natural or synthetic impregnating oils.

Kraft Insulation is used for transformer layer insulation, capacitor can liner and in many other applications where the ultimate in electrical and physical strengths are required.

### PHYSICAL, ELECTRICAL AND CHEMICAL PROPERTIES:

Fiber Content	100% Unbleached Kraft Wood Pulp							
Ash Content (Max.)	.75%							
pH Water Extract	6.0 - 7.5							
Moisture Content	7.0% Avg.							
Chlorides	8 - 16 ppm							
Water Extract Conductivity Microhms/cm	7.5 Avg.							
Standard Thickness, ± 7%	Inches	.007	.010	.015	.020	.025	.031	.040
Apparent Density, (Air Dry), ± 7%	g/cc	1.00	1.00	1.05	1.05	1.05	1.05	1.05
Weight, (Air Dry), ± 7%	lbs./sq. ft.	.036	.052	.078	.109	.136	.169	.216
Tensile Strength, (Avg.)	MD lbs./In.	135	195	340	500	575	700	800
	CMD lbs./In.	25	50	75	85	115	140	160
Burst Strength, (Avg.)	lbs./sq. in.	120	185	320	440	510	580	625
Tear Strength, (Avg.) grams	MD	180	270	475	650	875	1000	
	CMD	300	450	800	975	1100	1200	
Dielectric Strength, (Avg.) grams AC, 25°C (Avg.)	volts/mil	250	250	250	250	250	250	250

This information is furnished as a guide for selecting materials. Atlantic Gasket disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.