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a broad range of products and services for OEM and contract manufacturers
 a division of American Micro Industries, Inc.

MATERIAL SPECIFICATION

EFR General Description

EFR is an Underwriter’s Laboratories approved flame retardant board multi-ply constructed from unbleached Kraft pulp. UL94-V0

EFR has good mechanical strength, punch ability and fold ability.

EFR is available in sheets, strips, mill rolls and slit rolls in thicknesses from .010” to .031”.

Values shown are typical, are not guaranteed, nor to be used for specifications without approval.

PROPERTIES	UNITS					
Fiber Content		100% Unbleached Kraft Wood Pulp				
Moisture Content		7.0% average				
pH Water Extract		6.5 – 7.5%				
Water Absorption % change in weight		2 hours 50%				
		24 hours – 60%				
Standard Thickness, ± 7%	Inches	.010”	.015”	.020”	.025”	.031”
Apparent Density, (air dry), ± 7%	G/CC	1.10	1.10	1.10	1.10	1.10
Weight (air dry), ± 7%	lbs/sq ft	.057	.086	.114	.148	.177
Dielectric Strength, (avg) AIR, AC 25°C – 50% RH	Total Volts	2000	3000	4000	5000	6000
Dielectric Strength, Conditioned 24 hrs – 95% RH	Total Volts	1600	1850	2500	3000	3500
Tensile Strength (avg)	MD lbs/in.	140	250	340	370	550
Burst Strength (avg)	lbs/sq in	35	60	90	105	110
Tear Strength (avg) grams	MD CMD	215 360	380 625	600 900	800 1000	800 1000

The above information and data are believed to be accurate and reliable. American Micro Industries, Inc. assumes no responsibility for end-use applications and no performance warranty is expressed or implied.