3M™ TuFR Hybrid Organic/Inorganic Paper 10 mil (0.25 mm)

Tough, High Temperature Flame Retardant Insulating Paper

Data Sheet **May 2009**

Typical Physical Properties			
		ASTM - UL Test Method	**TuFR**
Nominal Thickness	mm mil	D-645	0.25 10
Basis Weight	g/m^2 lb/yd^2	D-202	310 0.59
Density	g/cc		1.2
Tensile Strength, MD	lb/inch N/cm	D-828	55 96
Tensile Strength, CD	lb/inch N/cm	D-828	28 49
Elongation, MD	%	D-828	22
Elongation, CD	%	D-828	20
Elmendorf Tear, MD	g N	D-689	560 5.5
Elmendorf Tear, CD	g N	D-689	1130 11.1
Dielectric Breakdown Strength	kV	D-149	1.5
Moisture Absorption	%	D-644	<1
Flammability Rating		UL 94	V-0

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