

Component - Plastics

E65069

3M INNOVATIVE PAPER TECHNOLOGIES

1 PAPER TRL, TILTON NH 03276-5250

Flame Barrier FRB-NT(mmm)**Inorganic Cold-molded Compounds, furnished as sheets or rolls**

Color	Min Thk (mm)	Flame Class	Flame		RTI	RTI	RTI
			HWI	HAI	Elec	Imp	Str
NC	0.064-0.075	V-0, 5VA	4	2	-	-	-
	0.076-0.381	V-0, 5VA	4	2	140	-	130

Comparative Tracking Index (CTI): **0**Inclined Plane Tracking (IPT): **-**Dielectric Strength (kV/mm): **30**Volume Resistivity (10^x ohm-cm) : **14**High-Voltage Arc Tracking Rate
(HVTR): **0**High Volt, Low Current Arc Resis (D495): **4**Dimensional Stability (%): **-****(mmm) - denotes thickness in microns**

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date:2010-06-12

Last Revised:2012-04-10

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.064-0.075	V-0, 5VA (NC)
			0.076-0.381	V-0, 5VA (NC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	0.064-0.075	960
			0.076-0.381	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.064-0.075	960
			0.076-0.381	960
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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