Component - Plastics **E65069**

3M INNOVATIVE PAPER TECHNOLOGIES

1 PAPER TRL, TILTON NH 03276-5250

Flame Barrier FRB-NC(mmm)

Inorganic Cold-molded Compounds, furnished as sheets or rolls

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	0.100-0.126	V-0, 5VA	-	-	-	-	-
	0.127-0.507	V-0, 5VA	4	3	-	-	-
	0.508-0.642	V-0, 5VA	4	2	-	-	-

Comparative Tracking Index (CTI): **0**

Dielectric Strength (kV/mm): **-**

High-Voltage Arc Tracking Rate (HVTR): **0**

Dimensional Stability (%): -

Inclined Plane Tracking (IPT): **-**

Volume Resistivity (10^x ohm-cm) : **-**

High Volt, Low Current Arc Resis (D495): **5**

(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:2010-07-30
Last Revised:2012-04-10

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)	0.100-0.126	V-0, 5VA (NC)
			0.127-0.507	V-0, 5VA (NC)
			0.508-0.642	V-0, 5VA (NC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
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	-	-