

DENKI KAGAKU KOGYO KABUSHIKI KAISHA

NIHONBASHI MITSUI TOWER, 2-1-1 NIHONBASHI-MUROMACHI, CHUO-KU TOKYO 103-8338 JP

MF-21+

Polystyrene (PS), "Denka Styrol", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI		RTI Str
					Elec	Imp	
ALL	1.5	HB	-	-	50	50	50
	3.0	HB	-	-	50	50	50

Comparative Tracking Index (CTI): -	Inclined Plane Tracking (IPT): -
Dielectric Strength (kV/mm): -	Volume Resistivity (10 ^x ohm-cm): -
High-Voltage Arc Tracking Rate (HVTR): -	High Volt, Low Current Arc Resis (D495): -
Dimensional Stability (%): -	

+ - Optional suffixes.

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.

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	HB75 (ALL)
			3.0	HB40 (ALL)
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	-	-

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