

Component - Plastics

E171666

Guide Information

View Certificate of Compliance

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HPP-FMD00(a1)A1, HPP-FMD01(a1)A1, HPP-FMD02(a1)A1

Polypropylene (PP), flame retardant, furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	0.80	V-2	3	0	65	65	65
	1.6	V-2	3	0	65	65	65
	3.2	V-2	3	0	65	65	65

Comparative Tracking Index (CTI): 0

Dielectric Strength (kV/mm): 43.17

High-Voltage Arc Tracking Rate (HVTR): -

Dimensional Change (%): -

Inclined Plane Tracking (IPT) kV: -

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

Surface Resistivity (10^x ohms/square): -

High Volt, Low Current Arc Resis (D495): -

(a1) - Replaced by a digit from 0 to 9 or letter from A to Z to represent the internal code

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	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.80	V-2 (ALL)
			1.6	V-2 (ALL)
			3.2	V-2 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.80	960
			1.6	960
			3.2	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.80	850
			1.6	800
			3.2	775
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC AC Dielectric Strength (AC DS)	IEC 60243-1	kV/mm	-	-
IEC DC Dielectric Strength (DC DS)	IEC 60243-2	kV/mm	-	-
IEC Volume Resistivity (VR)	IEC 62631-3-1	10 ^x ohm-m	-	-
IEC Surface Resistivity (SR)	IEC 62631-3-2	10 ^x ohms	-	-
IEC Inclined Plane Tracking (IPT)	IEC 60587	kV	-	-
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 179-1	kJ/m ²	-	-