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Component - Plastics

E163907

Guide Information

Hyosung Chemical Corp

235, Banpo-daero, Seocho-gu, Seoul Seoul 06578 KR

J801R, (*)J801R(*)

Polypropylene (PP), furnished as pellets, powder

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.75	HB	4	0	115	120	120
	1.5	HB	3	0	115	120	120
	3.0	HB	2	0	120	120	120

Comparative Tracking Index (CTI): 0
 Dielectric Strength (kV/mm): -
 High-Voltage Arc Tracking Rate (HVTR): 0
 Dimensional Stability (%): -

Inclined Plane Tracking (IPT) kV: -
 Volume Resistivity (10^x ohm-cm): -
 High Volt, Low Current Arc Resis (D495): 5

(*) - May be replaced by one or two digit or letters

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)	0.75	HB75 (ALL)
			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	-	-