

Component - Plastics

E140331

SAMSUNG TOTAL PETROCHEMICALS CO LTD

411-1 DOKGOD-RI, DAESAN-UP, SEOSAN-SI, CHUNGNAM 356-711 KR

HJ730+

Polypropylene (PP), furnished as pellets

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

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

Dimensional Stability (%): -

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

High Volt, Low Current Arc Resis (D495): **3**

Dielectric Strength (kV/mm): -

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

+ - Represented by one, two, or three number(s) and/or letter(s).

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	Class	1.5	HB75
	60695-11-10	(color)		
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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