

SUMITOMO CHEMICAL SINGAPORE PTE LTD

17 SAKRA ROAD, #01-06, SINGAPORE 627886 SG

LG**Polymethyl Methacrylate (PMMA), furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI		RTI Str
					Elec	Imp	
NC	1.5	HB	4	0	50	50	50
	3.0	HB	2	0	50	50	50
	6.0	HB	2	0	50	50	50

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10^x ohm-cm): -High-Voltage Arc Tracking Rate
(HVTR): 0

High Volt, Low Current Arc Resis (D495): 4

Dimensional Stability (%): -

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: 1999-06-08
Last Revised: 2011-08-15

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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 (NC)
			3.0	HB40 (NC)
			6.0	HB40 (NC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	1.5	825
			3.0	725
			6.0	700
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	1.5	850
			3.0	750
			6.0	725
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	75
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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