

## Component - Plastics

E207780

## Guide Information

**SABIC JAPAN L L C**

PACIFIC GRADES - RESIN, 2-2 KINUGAOKA, MOKA-SHI TOCHIGI-KEN 321-4392 JP

**C1200HF(GG)**

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), flame retardant "Cycoloy", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	0.75	HB	-	-	60	60	60
BK	1.0	HB	-	-	60	60	60
ALL	1.2	HB	3	1	60	60	60
	1.5	HB	-	-	105	80	105
	2.5	HB	-	-	105	80	105
	3.0	HB	3	1	105	80	105
	3.5	HB	-	-	105	80	105

Comparative Tracking Index (CTI): 2  
Dielectric Strength (kV/mm): 27Inclined Plane Tracking (IPT) kV: -  
Volume Resistivity (10<sup>x</sup> ohm-cm): 15

High-Voltage Arc Tracking Rate (HVTR): -

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

Dimensional Stability (%): -

(GG) - Denotes a global grade formulation previously in File E161759.

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

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  
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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 (NC)
			1.0	HB75 (BK)
			1.2	HB75 (ALL)
			1.5	HB75 (ALL)
			2.5	HB75 (ALL)
			3.0	HB40 (ALL)
			3.5	HB40 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	3.5	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	3.5	725
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	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 <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-