

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 "Cycology", furnished as pellets  
(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.

Flammability	Value	Test Method
Flame Rating		
0.75 mm	HB, HB75 (NC)	IEC 60695-11-10
1.0 mm	HB, HB75 (BK)	IEC 60695-11-10
1.2 mm	HB, HB75 (ALL)	IEC 60695-11-10
1.5 mm	HB, HB75 (ALL)	IEC 60695-11-10
2.5 mm	HB, HB75 (ALL)	IEC 60695-11-10
3.0 mm	HB, HB40 (ALL)	IEC 60695-11-10
3.5 mm	HB, HB40 (ALL)	IEC 60695-11-10
Glow-Wire Flammability (GWFI) (3.5 mm)	960 °C	IEC 60695-2-12
Glow-Wire Ignition (GWIT) (3.5 mm)	725 °C	IEC 60695-2-13
Electrical	Value	Test Method
High Amp Arc Ignition (HAI)		
1.2 mm	PLC 1	UL 746A
3.0 mm	PLC 1	UL 746A
Hot-wire Ignition (HWI)		
1.2 mm	PLC 3	UL 746A
3.0 mm	PLC 3	UL 746A
Dielectric Strength	27 kV/mm	ASTM D149
Volume Resistivity	10E+15 ohms-cm	ASTM D257, IEC 60093
Comparative Tracking Index (CTI)	PLC 2	UL 746A



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Report Date: 2000-02-10  
Last Revised: 2016-11-14

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Thermal	Value	Test Method
RTI Imp		
0.75 mm	60 °C	UL 746B
1.0 mm	60 °C	UL 746B
1.2 mm	60 °C	UL 746B
1.5 mm	80 °C	UL 746B
2.5 mm	80 °C	UL 746B
3.0 mm	80 °C	UL 746B
3.5 mm	80 °C	UL 746B
RTI Str		
0.75 mm	60 °C	UL 746B
1.0 mm	60 °C	UL 746B
1.2 mm	60 °C	UL 746B
1.5 mm	105 °C	UL 746B
2.5 mm	105 °C	UL 746B
3.0 mm	105 °C	UL 746B
3.5 mm	105 °C	UL 746B
RTI Elec		
0.75 mm	60 °C	UL 746B
1.0 mm	60 °C	UL 746B
1.2 mm	60 °C	UL 746B
1.5 mm	105 °C	UL 746B
2.5 mm	105 °C	UL 746B
3.0 mm	105 °C	UL 746B
3.5 mm	105 °C	UL 746B
IEC Ball Pressure	75 °C	IEC 60695-10-2



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