



B4300G6

File Number: E36632

Yellow Card® 

COMPANY

BASF CORP
1609 BIDDLE AVE
WYANDOTTE, MI 48192-3729 United States

MODEL INFO

Ultradur: B4300G6
Polybutylene Terephthalate (PBT), furnished as pellets

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.75 mm, Color: ALL	HB	
1.5 mm, Color: ALL	HB	
2.8 mm, Color: ALL	HB	

ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.75 mm, Color: ALL	HB75	
1.5 mm, Color: ALL	HB75	
2.8 mm, Color: ALL	HB75	

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VALUE	TEST METHOD
Hot wire ignition (HWI)	UL 746A
1.5 mm	PLC 1

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2.8 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
2.8 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	27 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+14 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 7	

THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.75 mm	130 °C	
1.5 mm	130 °C	
2.8 mm	130 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
2.8 mm	125 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.75 mm	130 °C	
1.5 mm	130 °C	
2.8 mm	140 °C	

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Dimensional Change	0.0 %	ASTM D1042/ISO 2796

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