



Component - Plastics

File Number: E213445

POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME



Duranex: 330GW

Polybutylene Terephthalate (PBT), pellets, glass reinforced, flame retardant

Flammability	Value	Test Method
Flame Rating		UL 94
0.32 mm, NC, BK	V-0	
0.75 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.32 mm, NC, BK	V-0	
0.75 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.32 mm	960 °C	
0.75 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.32 mm	960 °C	
0.75 mm	850 °C	
1.5 mm	800 °C	
3.0 mm	960 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.32 mm	PLC 3	
0.75 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.32 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Comparative Tracking Index (3.00 mm)	325 V	IEC 60112
Thermal	Value	Test Method
RTI Elec		UL 746
0.32 mm	140 °C	
0.75 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	



Thermal	Value	Test Method
RTI Imp		UL 746
0.32 mm	140 °C	
0.75 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Str		UL 746
0.32 mm	140 °C	
0.75 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	

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