



Component - Plastics

File Number: E213445

POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME



Duranex: CN5330(+)(f2)

Polybutylene Terephthalate/Polyethylene Terephthalate (PBT/PET), pellets, glass reinforced

(+) - May be suffixed with one or two letters

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

Flammability	Value	Test Method
Flame Rating		UL 94
0.74 mm, ALL	V-2	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
0.74 mm, ALL	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 1	
3.0 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Dielectric Strength	28 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257
Volume Resistivity	1.0E+14 ohms·cm	IEC 60093
Arc Resistance	PLC 6	ASTM D495
Electric Strength	28 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Elec		UL 746
0.74 mm	75.0 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746
0.74 mm	75.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Str		UL 746
0.74 mm	75.0 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796



Physical	Value	Test Method
Outdoor Suitability	f2	UL 746C

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