



Component - Plastics

File Number: E213445

POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME



FR-PET: BN3030(+), CN3030(+), WN3030(+)

Polyethylene Terephthalate (PET), pellets, glass reinforced

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.56 mm, BK	V-2	
0.70 mm, ALL	V-0	
1.6 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.70 mm, ALL	V-0	
1.6 mm, ALL	V-0	
3.0 mm, ALL	V-0	
0.56 mm, BK	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.56 mm	PLC 4	
0.70 mm	PLC 3	
1.6 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
0.56 mm	PLC 0	
0.70 mm	PLC 0	
1.6 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
Dielectric Strength	22 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+16 ohms·cm	ASTM D257
Volume Resistivity	1.0E+16 ohms·cm	IEC 60093
Arc Resistance	PLC 6	ASTM D495
Electric Strength	22 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Elec		UL 746
0.56 mm	75.0 °C	
0.70 mm	150 °C	
1.6 mm	150 °C	
3.0 mm	150 °C	
RTI Imp		UL 746
0.56 mm	75.0 °C	
0.70 mm	140 °C	
1.6 mm	150 °C	
3.0 mm	150 °C	



Thermal	Value	Test Method
RTI Str		UL 746
0.56 mm	75.0 °C	
0.70 mm	140 °C	
1.6 mm	150 °C	
3.0 mm	150 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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