



# Component - Plastics

File Number: E213445

## POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME  
MINATO-KU, TOKYO 108-8280 Japan



## FR-PET or RENATUS: CN9015(+), BN9015(+)

Polyethylene Terephthalate (PET), pellets, glass reinforced

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.75 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
0.75 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
Dielectric Strength	33 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Volume Resistivity	1.0E+15 ohms-cm	ASTM D257
Volume Resistivity	1.0E+15 ohms-cm	IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.75 mm	150 °C	
1.5 mm	150 °C	
3.0 mm	150 °C	
RTI Imp		UL 746B
0.75 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Str		UL 746B
0.75 mm	140 °C	
1.5 mm	150 °C	
3.0 mm	150 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796

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