



Component - Plastics

File Number: E109088

POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME



FORTRON" or "DURAFIDE: 1130(a)(e)(k)

Polyphenylene Sulfide (PPS), pellets

(a) - May be followed by an A,B or L to indicate lubricity.

(e) - May be followed by a one digit number 0-9 incl. to indicate molecular weight.

(k) - May be followed by a one digit number 0-9 incl. to indicate customer number.

Flammability	Value	Test Method
Flame Rating		UL 94
0.38 mm, NC	V-0	
0.8 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.38 mm, NC	V-0	
0.8 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 746
0.8 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 4	
Comparative Tracking Index (CTI)	PLC 4	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.38 mm	200 °C	
0.8 mm	220 °C	
1.5 mm	220 °C	
3.0 mm	220 °C	
RTI Imp (3.0 mm)	200 °C	UL 746
RTI Str		UL 746
0.38 mm	200 °C	
0.8 mm	200 °C	
1.5 mm	200 °C	
3.0 mm	220 °C	

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