



Model PD20

File Number: E249670



COMPANY

POWERCAM ELECTRICALS PVT LTD

Plot No.:9,11,12,63,64,65,66,67
M.I.E.
Bahadurgarh, Haryana 124507 India

MODEL INFO

PD20
Unsaturated polyester(UP), Dough Molding Compound (DMC) "Powermat", furnished as finished parts

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
3.0 mm, Color: BL, WT, IV	V-0	
3.0 mm, Color: RD, BK, BN, GY	V-0	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
3.0 mm, Color: BL, WT, IV	V-0	
3.0 mm, Color: RD, BK, BN, GY	V-0	
Glow Wire Ignition Temperature (GWIT) (3.0 mm)	960 °C	IEC 60695-2-13
Glow Wire Flammability Index (GWFI) (3.0 mm)	960 °C	IEC 60695-2-12
ELECTRICAL PROPERTIES	VALUE	TEST METHOD

Hot-wire Ignition (HWI) (3.0 mm)	PLC 0	UL 746A
High Amp Arc Ignition (HAI) (3.0 mm)	PLC 0	UL 746A
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	11 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+12 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 4	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength (3.0 mm)	105 °C	UL 746B
Relative Thermal Index - Mechanical Impact (3.0 mm)	130 °C	UL 746B
Relative Thermal Index - Mechanical Strength (3.0 mm)	130 °C	UL 746B

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