

Model PS25

File Number: E249670

Yellow Card™



COMPANY

POWERCAM ELECTRICALS PVT LTD

Plot No.:9,11,12,63,64,65,66,67

M.I.E.

Bahadurgarh, Haryana 124507 India

MODEL INFO

PS25

Unsaturated Polyester (UP), Sheet Molding Compound (SMC) "Powermat", furnished as sheets

FLAMMABILITY PROPERTIES

VALUE

TEST METHOD

Flammability

V-0

ANSI/UL 94

(3.0 to 3.3 mm, Color: ALL)

ISO/IEC FLAMMABILITY PROPERTIES

VALUE

TEST METHOD

Flammability

V-0

IEC 60695-11-10

(3.0 to 3.3 mm, Color: ALL)

Glow Wire Ignition Temperature (GWIT)

960 °C

IEC 60695-2-13

(3.0 to 3.3 mm)

Glow Wire Flammability Index (GWFI)

960 °C

IEC 60695-2-12

(3.0 to 3.3 mm)

ELECTRICAL PROPERTIES

VALUE

TEST METHOD

Hot-wire Ignition (HWI)

PLC 0

UL 746A

(3.0 to 3.3 mm)

High Amp Arc Ignition (HAI)

PLC 0

UL 746A

(3.0 to 3.3 mm)

Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	14 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 to 3.3 mm)	105 °C	UL 746B
Relative Thermal Index - Mechanical Impact (3.0 to 3.3 mm)	130 °C	UL 746B
Relative Thermal Index - Mechanical Strength (3.0 to 3.3 mm)	130 °C	UL 746B

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