

PX9406 (R) - Plastics - Component

Plastics - Component
File Number: E45587



COMPANY

SABIC JAPAN L L C
Moka Jp - Resin
2-2 Kinugaoka
Moka-Shi, Tochigi-Ken 321-4392 Japan

MODEL INFO

Noryl: PX9406 (R)
PPE+PS, furnished as pellets
(R) – This grade can be replaced with PX9406P or N1250 from file E45587
NOTE – Material designations may be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		ANSI/UL 94
0.40 mm, Color: ALL	V-2	
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
2.5 mm, Color: ALL	5VA V-0	
3.0 mm, Color: ALL	5VA V-0	

ISO/IEC FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		IEC 60695-11-10
0.40 mm, Color: ALL	V-2	
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	

2.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
Flammability		IEC 60695-11-20
2.5 mm, Color: ALL	5VA	
3.0 mm, Color: ALL	5VA	
ELECTRICAL PROPERTIES	额定值	测试方法
Hot-wire Ignition (HWI)		UL 746A
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	49 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 3	
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 6	
THERMAL PROPERTIES	额定值	测试方法
Relative Thermal Index - Electrical Strength		UL 746B
0.40 mm	65 °C	
0.75 mm	110 °C	
1.5 mm	110 °C	
2.5 mm	110 °C	
3.0 mm	110 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.40 mm	65 °C	

0.75 mm	105 °C
1.5 mm	105 °C
2.5 mm	105 °C
3.0 mm	105 °C
Relative Thermal Index - Mechanical Strength	
UL 746B	
0.40 mm	65 °C
0.75 mm	110 °C
1.5 mm	110 °C
2.5 mm	110 °C
3.0 mm	110 °C

PHYSICAL PROPERTIES	额定值	测试方法
Dimensional Change	0.0 %	ASTM D1042/ISO 2796

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