



Component - Plastics

File Number: E98529

TEIJIN LIMITED RESIN AND PLASTIC

ENVIRONMENT QUALITY ASSURANCE DEPT, DIV 2, KASUMIGASEKI COMMON GATE, WEST TOWER, 2-1,
KASUMIGASEKI 3-CHOME, CHIYODA-KU TOKYO 100-8585 JP



Panlite: MN-4805Z(#)

Polycarbonate (PC), pellets

(#) - Suffix optional

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-0	
2.0 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
2.0 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
2.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	850 °C	
2.0 mm	850 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 3	
2.0 mm	PLC 3	
3.0 mm	PLC 3	
Comparative Tracking Index (CTI)	PLC 3	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
1.5 mm	125 °C	
2.0 mm	125 °C	
3.0 mm	125 °C	
RTI Str		UL 746
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2



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