



Component - Plastics

File Number: E50075

TEIJIN LIMITED RESIN AND PLASTIC

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



Panlite: G-35(mm)(r1)

Polycarbonate (PC), pellets, glass reinforced

(mm) - 15 through 30.

(r1) - May be suffixed with one or two letters except for a single letter C, E, F, H, M, R or LL or the letters C, E, F, H, M, R or LL followed by another letter.

Flammability	Value	Test Method
Flame Rating		UL 94
0.43 mm, ALL	HB	
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
0.43 mm, ALL	HB75	
1.5 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.43 mm	PLC 0	
1.5 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
0.43 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746A
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.43 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746B
0.43 mm	80.0 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
RTI Str		UL 746B
0.43 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	



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