



# 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 JP



### Panlite: G-34(mm)R(#)

Polycarbonate (PC), pellets, glass reinforced

- (#) - Suffix optional
- (mm) - 15 through 30.

Flammability	Value	Test Method
Flame Rating		UL 94
0.43 mm, ALL	HB	
0.8 mm, ALL	V-2	
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-1	
Flammability Classification		IEC 60695-11-10, -20
0.43 mm, ALL	HB75	
3.0 mm, ALL	V-1	
0.8 mm, ALL	V-2	
1.5 mm, ALL	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.43 mm	PLC 0	
0.8 mm	PLC 2	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.43 mm	PLC 4	
0.8 mm	PLC 4	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.43 mm	80.0 °C	
0.8 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.43 mm	80.0 °C	
0.8 mm	80.0 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.43 mm	80.0 °C	
0.8 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

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