



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: GN-34(pp)(h1)(f2), GN-34(pp)C(#)(f2), GN-34(pp)E(#)(f2), GN-34(pp)F(#)(f2),
GN-34(pp)R(#)(f2), GN-34(pp)H(#)(f2), GN-34(pp)L(#)(f2)

Polycarbonate (PC), pellets, glass reinforced

(#) - Suffix optional

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

(h1) - May be suffixed with one or two letters except for a single letter C, E, F, H, L or R of the letters C, E, F, H, L or R followed by another letter.

(pp) - 11 through 30.

Flammability	Value	Test Method
Flame Rating		UL 94
0.43 mm, ALL	V-2	
0.75 mm, ALL	V-2	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
0.43 mm, ALL	V-2	
0.75 mm, ALL	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.43 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 2	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.43 mm	PLC 4	
0.75 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	
0.75 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

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Thermal	Value	Test Method
RTI Imp		UL 746
0.43 mm	80.0 °C	
0.75 mm	80.0 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
RTI Str		UL 746
0.43 mm	80.0 °C	
0.75 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
Physical	Value	Test Method
Outdoor Suitability	f2	UL 746C

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