

PRELIMINARY PANEL SPECIFICATION SL103G50L09T01T01-2.7

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Product Family : light-weight composite panel for recreational vehicle industry and transportation
1. Description of the Blank Construction

| Core substrate | Core Reinforcement | Matrix | upper surface | lower surface |
|----------------------|--------------------|---------------------|-----------------|-----------------|
| 900 g/m ² | Glass fibers (50%) | Black Polypropylene | perforated film | perforated film |

Glass fiber reinforced thermoplastic based on Polypropylene homopolymer, in the form of rectangular sheets.

2. Main Characteristics of the Blank

| Length tolerance [inch] | Width tolerance [inch] | Area weight total product [g/m ²] | Glass fiber content product [%] (calculated) | Blank thickness [mm] | Peel Adhesion Scrim, Lot average [N/inch] |
|-------------------------|------------------------|---|--|----------------------|---|
| ± 0.250 | - 0.125 + 0.375 | 1044 ± 104 | 43.1 ± 7 | 2.7 ± 0.3 | >10 |

- 2.1. Area weight is defined by the measured blank weight divided by the length and width of the blank.
- 2.2. Fiber content is defined by the residual weight after incineration, divided by the original weight before incineration.
- 2.3. Typically belt seam imprint is out of tolerance indicated above. This imprint arises from the belt joint in QPC lamination process.
- 2.4. Peel Adhesion is measured by QPC internal test TP_0014. The force in Newton is measured to peel of a strip of 1 inch wide strip.
- 2.5. 100% of the boards delivered are in tolerances for weight; no more than 5% would be outside the tolerances for glass fiber content, dimensions and peel adhesion.