

PRELIMINARY PANEL SPECIFICATION SL103G50L091S3-2.7

2010/04/29

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	white Polyester scrim	bare

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	990 ± 100	45.5 ± 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.