

Polyspeed® G-EV LBBBL 800

press cured laminate

Data Sheet

Description

Polyspeed® G-EV LBBBL 800 is a non woven glass fibre epoxy laminate, ideally suited to the manufacture of snowboards. The laminate is supplied in roll form. Widths are available from 38 - 1240 mm.

Glass Fibre Reinforcement

Areal Weight	g/m ²	796 ± 40
Warp 0°	g/m ²	236
Diagonal + 45°	g/m ²	75
- 45°	g/m ²	150
+ 45°	g/m ²	75
Warp 0°	g/m ²	236

Resin Matrix Properties

Glass transition temperature °C	125
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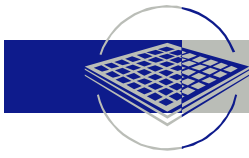
Laminate Data

Resin Content (unground)	weight%	38 ± 3
Areal Weight (unground)	g/m ²	1284 ± 65
Thickness (ground)	mm	0.65 ± 0.05
Ground		Both sides, grain size 80

Mechanical Properties

	Standard	Unit	Value 0°	Value 45°
Tensile Strength	EN ISO 527	MPa	472 ± 71	142 ± 21.3
Tensile Modulus	EN ISO 527	GPa	21.5 ± 3.2	7 ± 1.05
Tear Strength	EN ISO 527	N/cm	3068 ± 460	923 ± 138





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Storage Conditions

There are no special storing precautions to be taken with G-EV LBBBL 800. For proper processing the material should be clean and should not contain excessive moisture.

Precautions for Use

Dust may be generated during machining operations. Dust filter respiratory protection should be used and safety goggles worn. Adequate ventilation should be provided to remove nuisance dust. In accordance with good industrial practice, handle with due care and avoid unnecessary personal contact. Wash after handling.

Important

All information is believed to be accurate but is given without acceptance of liability. All users should make their own assessment of the suitability of any product for the purposes required. All sales are made subject to our standard terms of sale which include limitations on liability and other terms.

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For More Information

Hexcel Composites is a leading worldwide supplier of composite materials to aerospace and other demanding industries. Our comprehensive product range includes:

- Carbon, glass, aramid and hybrid prepregs
- Structural film adhesives
- Special process honeycombs
- Honeycomb cores
- Honeycomb sandwich panels
- RTM materials

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