



PP HONEYCOMB

Polypropylene (PP) honeycomb is a cost-effective lightweight core. It consists of a tubular shaped cells thermofused together giving an inherently stable structure. It offers a high strength-to-weight ratio and is corrosion, rot, chemical and moisture resistant, making it an excellent core for the truck body building and RV industries.

Our PP honeycomb is supplied with a woven polyester veil for enhanced bonding to sandwich panel skins and a film barrier under the polyester veil to limit the amount of resin consumption.

FEATURES AND PROPERTIES⁽¹⁾

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|----------------------------|---|------|
| Thickness | 15, 20 ± 0.5mm (custom thicknesses available) | |
| Length | 2500mm standard (custom lengths available) | |
| Width | 1200mm | |
| Surface | Polyester veil and film | |
| Density (minimum) | 80 kg/m ² | |
| | Thickness | |
| | 15mm | 20mm |
| Compressive strength (kPa) | 1850 | 1820 |
| Compression modulus (MPa) | 50 | 50 |
| Shear strength (kPa) | 550 | 520 |
| Shear modulus (MPa) | 25 | 25 |

(1) Typical property values only, not to be construed as specifications.

Note: The user will determine the suitability for use of these products. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Lavender CE cannot assume responsibility for results obtained by use of these products as we have no control over end-use applications or handling. Lavender CE therefore specifically disclaims any damage or loss of any kind in relation to the use of these products.