

Product Data Sheet: SphereCel PE



SPHERE CEL®

LAMINATE BULKER

- The cost effective solution for open mold processes
- Used as core material
- Pressure stable nonwoven and compatible with all regular types of resins, including polyester, vinyl ester, phenolic and epoxy

CHARACTERISTICS

- ◆ perforated



INDUSTRIES

- Marine: hulls, decks and structures of boats and yachts
- Transportation: parts and panels of cars, trailers, trucks and RV's
- Mass transit: interior and exterior of trains, light rail and buses
- Leisure: kayaks, surfboards, pools and bath tubs
- Industrial: architectural panels, fans, containers and tanks
- Wind Energy: nacelle covers and blades

PROCESSING

Regular established practices for composites open mold lamination.

All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Carbon-Core Corp will not assume any liability form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

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Product Description:	Non-woven core material				
Base material:	Polyester veil, volumized with thermoplastic microspheres				
Thickness: (+/- 10%)	1 mm	2 mm	3 mm	4 mm	5 mm
Weight: (+/- 15%)	65 g/m ²	80 g/m ²	95 g/m ²	120 g/m ²	135 g/m ²
Width: (+ 40 / - 20 mm)	100-300 cm	100-300 cm	100-300 cm	100-300 cm	100-300 cm
Roll length:	100 m	70 m	50 m	40 m	35 m
Weight per roll: 100cm (approx.)	6.3 kg	5.6 kg	4.8 kg	4.8 kg	4.8 kg
Packaging:	Plastic bag				
Storage:	Material should be stored in original packaging, away from humidity, in well-ventilated rooms, at a moderate temperature.				

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