

Product Data Sheet: SphereCel PE



SPHERE CEL®

LAMINATE BULKER

- ◆ Polyester-based laminate bulker
- ◆ Cost-effective

CHARACTERISTICS

- ◆ Stretchable in length and cross direction
- ◆ Suitable for complex geometries
- ◆ More pressure resistant than fiber glass based laminate bulker
- ◆ Compatible with all regular types of resins, incl. polyester, vinylester, epoxy

INDUSTRIES

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

PROCESSING

- ◆ Hand lay up
- ◆ Closed mold process (as resin blocker)
- ◆ Winding

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 from 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%)	1.2 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) <i>Up to 300 cm possible</i>	100 cm	100 cm	100 cm	100 cm	100 cm
Roll length:	100 m	70 m	50 m	40 m	35 m
Weight per roll: (approx.)	6.3 kg	5.6 kg	4.8 kg	4.8 kg	4.8 kg
Packaging:	Plastic bag				
Storage:	To be stored in original packaging, in well-ventilated rooms, at moderate temperature. Keep away from humidity.				

PDS SphereCel PE 200504

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