

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

Product Data Sheet: SphereCel PE

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.				