

1408

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Lantor Soric® XF



Mechanical properties			Test Method
Flexural Strength	Mpa	8	ASTM D790
Flexural Modulus	Mpa	800	ASTM D790
Tensile Strength Across Layers	Mpa	4	ASTM C297
Compression Strength (10% strain)	Mpa	8	ISO 844
Shear Strength	Mpa	3.5	ASTM C273-61
Shear Modulus	Mpa	35	ASTM C273-61

*Typical mechanical properties of 3mm Lantor Soric® XF impregnated with unsaturated polyester resin

Physical Data	Unit	2mm Lantor Soric® XF	3mm Lantor Soric® XF
Thickness	mm	2	3
Roll Length	m	80	50
Roll Width	m	1.27	1.27
Thickness loss at 0.8 bar	%	<10	<10
Max. processing temperature	°C	170	170
Resin Uptake	kg/m ²	1.0	1.4
Dry Weight	g/m ²	125	175
Density Impregnated	kg/m ³	600	600

Conformable Flow Media

Our #1408 and #1409 Lantor Soric® XF are the most conformable of our flow media. This product features a unique design of hexagonal flow channels on a carrier sheet to create a steady, even resin front without sacrificing surface finish or material conformability. #1408 is 2mm thick while #1409 is 3mm, both are offered in 50" wide rolls. This product quickly builds thickness with up to 35% less resin retention than all-glass laminates. Lantor Soric® is compatible with all of our resins and reinforcements.

Lantor Soric®

- The cost effective solution for you closed mold process
- Lantor Soric® can be used as core material, infusion medium and/or print blocker
- Lantor Soric® is a pressure stable polyester nonwoven and compatible with all regular types of resins, including Polyester Vinyl Ester, Phenolic and Epoxy.
- Lantor Soric® is suitable for all closed mold processes, including Infusion, RTM Light, RTM Heavy, Continuous Laminating and Pultrusion.

Applications of Lantor Soric®

- Marine (hulls, decks and superstructures of boats and yachts)
- Transportation (parts and panels of cars, trailers, trucks, RV's)
- Mass transit (interior and exterior of trains, light rail, buses)
- Leisure (kayaks, surfboards, pools, tubs and showers)
- Industrial (cladding panels, vans, containers, tanks)
- Wind Energy (nacelle covers, spinners)

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