

Physical data

		TF 1,5	TF 2	TF 3
Thickness	mm	1,5	2	3
Roll length	m	100	80	50
Roll width	m	1,27	1,27	1,27
Thickness loss at 0,8 bar	%	<25	<25	<25
Max. processing temperature	°C	170	170	170
Resin uptake	kg/m ²	0,8	1,0	1,4
Dry weight	g/m ²	90	115	170
Density impregnated	kg/m ³	700	700	700

For the most demanding cosmetic and finish requirements

Typical mechanical properties of Lantor Soric® TF* impregnated with unsaturated polyester resin

Mechanical properties			Test method
Flexural strength	MPa	19	ASTM D790
Flexural modulus	MPa	1500	ASTM D790
Tensile strength across layers	MPa	7	ASTM C297
Compression strength (10% strain)	MPa	4	ISO 844
Shear strength	MPa	7	ASTM C273-6I
Shear modulus	MPa	34	ASTM C273-6I

* Lantor Soric® TF 2

Lantor Soric®

- The cost effective solution for your closed mould 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, Vinylester, Phenolic and Epoxy.
- Lantor Soric® is suitable for all closed mould 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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- Fabric print blocker
- Interlaminar flow medium

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