

## Dimensional 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 <sup>3</sup>	0,8	1,0	1,4
Dry weight	g/m <sup>2</sup>	90	115	170
Density impregnated	kg/m <sup>3</sup>	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 C273-61
Shear modulus	MPa	34	ASTM C273-61

\* 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)



- Fabric print blocker
- Interlaminar flow medium

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## For more information:

### Lantor BV

Verlaat 22, P.O. Box 45  
3900 AA Veenendaal

The Netherlands

Tel.: +31 (0)318 - 537 111

Fax.: +31 (0)318 - 537 420

E-mail: [lantorbv@lantor.nl](mailto:lantorbv@lantor.nl)

Or visit our website: [www.lantor.nl](http://www.lantor.nl)