

### 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

The information contained in this document has been compiled in good faith by Lantor B.V., but nevertheless no representation or warranty is given as to the accuracy or completeness of the (technical) information provided herein. Lantor B.V. can not be held liable for any damages arising from any (printing) errors or omissions in this information. Lantor B.V. reserves the right to make changes with respect to the information provided at any time without further notice.

### 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)