Lantor Soric® XF

Physical data

	XF 2	XF 3	XF 4	XF 5	XF 6
Thickness mm	2	3	4	5	6
Roll length m	80	50	40	30	25
Roll width m	1,27	1,27	1,27	1,27	1,27
Thickness loss at 0,8 bar %	<10	<10	<10	<10	<10
Max. processing temperature °C	170	170	170	170	170
Resin uptake kg/m²	1,0	1,4	1,9	2,4	2,8
Dry weight g/m²	125	175	240	310	320
Density impregnated kg/m³	600	600	600	600	600

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

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

* Lantor Soric® XF 3

Maximal weight reduction and optimal flow behaviour in structural core applications

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)

- Interlaminar flow medium
- Controlled and stable flow front

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

Or visit our website: www.lantor.nl

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