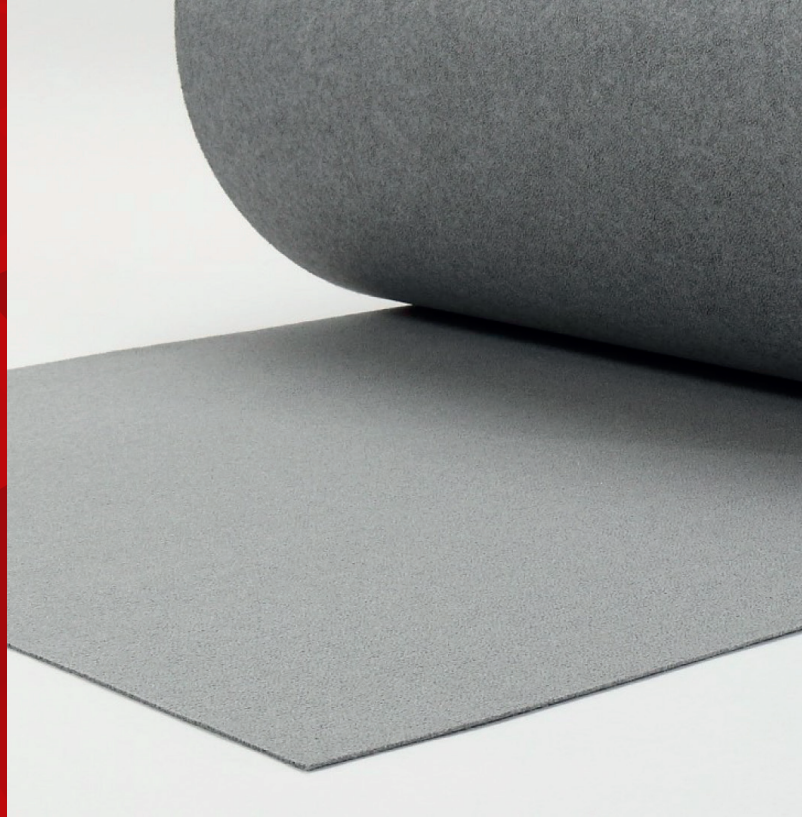


Composites

Datasheet

Teccore®



Lantor Teccore®

- Lantor Teccore creates additional stiffness in advanced composite panels at lower weight and cost. A panel density of 0.9 g/cm³ can be achieved.
- By replacing carbon (prepreg) content, Lantor Teccore® reduces the environmental impact of carbon composites.
- Lantor Teccore® helps to reduce the fiber print in composite parts and makes painting much easier.

Application of Lantor Teccore®

- Lantor Teccore is used as a core layer in 1 - 5 mm thick carbon fiber parts to form a low weight (micro) sandwich structure.
- Lantor Teccore is a drapeable, formable and compressible core material that can be used in all types of composite manufacturing techniques like VARI, out of autoclave, autoclave, thermopressing and RTM.

Properties		TG90	TG120
Thickness	mm	1,5	2,0
Thickness under vacuum 1 bar	mm	1,4	1,9
Thickness in autoclave 6 bar	mm	0,2 (dry) 0,4 (prepreg)*	0,3 (dry) 0,6 (prepreg)*
Roll length	m	120	80
Roll width	m	1,27	1,27
Dry weight	g/m ²	95	130
Dry core volume	%	40 - 50	40 - 50
Material color		Dark grey	Dark grey

* Depending on the autoclave cycle, resin content, ect.; consult your prepreg supplier about the possibilities.

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