



LAMILUX Woven Fabric

- Innovative fiberglass solutions





product description and application

Description LAMILUX Woven Fabric is a fiberglass product based on a polyester resin system and a well-balanced glass content. The woven fabric reinforcement improves the tensile strength and increases the glass content, the higher glass content lowers the coefficient of linear thermal expansion. It has a woven fabric structure.



Vehicle constructions



Vehicle constructions

LAMILUX Woven Fabric is available

- In thickness of 1.3 - 5.0 mm
- Available in up to 3.0 mm as coils, thicker as sheets
- Reverse side smooth / corona treated / sanded
- With or without tack film
- Other thicknesses, dimensions and colors on request

Application

- Different indoor applications
- Vehicle construction, e.g. interior sidewalls

Technical Values for LAMILUX Woven Fabric – 1.8 mm

Technical dates and mechanical properties LAMILUX Woven Fabric - 1.8 mm	Test method	
Thickness	Internal	1.8 mm
Weight	Internal	2450g/m ²
Glass content	Internal	27-29 %
Barcol hardness	DIN EN 59	40-50
Flexural strength	DIN EN ISO 14125	160 N/mm ²
Flexural e-modulus	DIN EN ISO 14125	8100 N/mm ²
Tensile strength	DIN EN ISO 527-4/2/2	110 N/mm ²
Tensile elongation	DIN EN ISO 527-4/2/2	3,5 %
Tensile e-modulus	DIN EN ISO 527-4/2/2	7900 N/mm ²
Impact strength	Charpy nach ISO 179/2n	43 KJ/m ²

These values are only valid for the product quality and thickness written in the table. The information submitted in this data sheet is based on our current knowledge and experience, no responsibility is taken for the correctness of the details provided. These data do not relieve processors from the responsibility of carrying out their own tests. This is not a specification. Further detailed information are available on request.