



## LAMILUX Super Plus

*- Innovative fiberglass solutions*





# product description and application

**Description** LAMILUX Super Plus is a fiberglass product based on a polyester resin system and a well-balanced glass content. This quality is suitable for versatile indoor applications and it has a consistently high quality thanks to continuous manufacturing process and constant process control. It has a reduced fiber print through compared to LAMILUX Super.



Vehicle construction (interior)



Commercial vehicle construction (interior)

## LAMILUX Super Plus is available

- In thickness of 1.0 - 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 thickness, dimensions and colors on request

## Application

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

## Technical Values for LAMILUX Super Plus – 1.0 mm

Technical dates and mechanical properties LAMILUX Super Plus, both sides smooth	Test method	
Thickness	internal	1.0 mm
Weight	internal	1700g/m <sup>2</sup>
Glass content	internal	20-22%
Barcol hardness	DIN EN 59	40-50
Flexural strength	DIN EN ISO 14125	115 N/mm <sup>2</sup>
Flexural e-modulus	DIN EN ISO 14125	2600 N/mm <sup>2</sup>
Tensile strength	DIN EN ISO 527-4/2/2	70 N/mm <sup>2</sup>
Tensile elongation	DIN EN ISO 527-4/2/2	2,8%
Tensile e-modulus	DIN EN ISO 527-4/2/2	5100 N/mm <sup>2</sup>
Impact strength	Charpy nach ISO 179/2n	25 KJ/m <sup>2</sup>

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.