



LAMILUX Super Plus Gelcoat

- Innovative fiberglass solutions





product description and application

Description

LAMILUX Super Plus Gelcoat is a fiberglass product based on a polyester resin system and a well-balanced glass content. This quality is our allround product, which can be used for large variety of applications. It has a smooth surface and an excellent UV / weathering protection.



Building industry - units



Commercial vehicle construction

LAMILUX Super Plus Gelcoat is available

- In thickness of 1.2 - 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

- Vehicle construction
- Different outdoor applications
- Multipurpose applicable

Technical Values for LAMILUX Super Plus Gelcoat – 1.8 mm

Technical dates and mechanical properties LAMILUX Super Plus Gelcoat, both sides smooth	Test method	
Thickness	Internal	1.8 mm
Weight	Internal	2550 g/m ²
Glass content	Internal	20-24 %
Barcol hardness	DIN EN 59	40-50
Flexural strength	DIN EN ISO 14125	130 N/mm ²
Flexural e-modulus	DIN EN ISO 14125	4500 N/mm ²
Tensile strength	DIN EN ISO 527-4/2/2	60 N/mm ²
Tensile elongation	DIN EN ISO 527-4/2/2	1,8 %
Tensile e-modulus	DIN EN ISO 527-4/2/2	6800 N/mm ²
Impact strength	Charpy nach ISO 179/2n	29 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.