

Technical Data Sheet Fiberglass mats

Fiberglass mats are characterized by excellent impregnation properties, uniform basis weight and good drapability. They are used in vehicle construction, automotive construction, boat building, pipeline construction, container construction and coatings.

Glasart: E-Glass
Fiber Type: fine
Adhesion promoter base: Silan

Parameter	Unit	Face value					Test standard
Area-related mass	g/m²	150	225	300	450	600	DIN 61853 ISO 3374
Mean value of the role mean deviation across the width	%	± 5					
Individual value deviation		± 12 ± 20					
Roll width	m	1,27	1,27	1,27	1,27	1,27	
binder type, Easily soluble in styrene		Powder	Powder	powder or Emulsion	powder or Emulsion	Powder	
Thread fineness	tex	15	15	30	30	30	DIN EN ISO 1889
Resin consumption and thus achieved laminate thickness	kg/m²	0,4-0,5	0,7-0,9	0,8-1	1-1,3	1,3-1,7	
	mm	ca. 0,4	ca. 0,5	ca. 0,7	ca. 1,0	ca. 1,3	
Loss of Ignition	%	11,0	7,5	6,5	5,5	4,5	ISO 1887
Boundary deviation		+/-30					
Moisture content	%	≤ 0,2					DIN EN ISO 3344
Filament Diameter	µm	12					ISO 1888
Cutting Length Thread	mm	50					
Bind resolubility	s	≤ 25					DIN 52332
Dry Breaking Force	N/15 cm	≥ 100		≥ 150			ISO 3342

Safety Notice

- Toxicologically harmless
- No lung permeability

Storage

- in the original packaging, dry, protect from moisture
- Storage temperature < 35 °C
- Processing only after 24 hours of conditioning to the ambient temperature during processing

Shipping

- Sale by the square metre
- Standard shipping folded – from 5m² in pieces of 5m² each
- rolled on cardboard core on request – 4,00€ gross postage surcharge

The information contained in this publication is based on careful research. They serve to provide information, but do not exempt the user from independent experiments for the intended purposes and from examinations of the risk of infringement of any intellectual property rights of third parties. The information is non-binding and, in particular, does not represent warranted properties within the meaning of laws. Liability for the accuracy and completeness of the information is excluded.

DD Composite GmbH, Zu den Bürgerhufen 6, 04924 Bad Liebenwerda (Lausitz industrial park)
Tel: 035341-47098 Fax: 035341-47099, E-mail: gfk@phd-24.de, Web: www.phd-24.de

As of 11/2022