

Data Sheet

glass fibre chopped strand mat

Style

MA 141

Product description

Glass type	E-glass
Fibre type	medium
Coupling agent	silane
Binder type	powder binder, readily soluble in styrene

Technical characteristics

	Unit	Nominal value								Test method
		150	225	300	375	400	450	525	600	
Weight per unit area *	g/m ²	± 5								
Average of roll	%	± 12								DIN 61853
Mean deviation over the width	%	± 20								ISO 3374
Single deviation	%	≤ 0,2								DIN EN ISO 3344
residual moisture	%									ISO 1888
Filament diameter	µm	12								DIN EN ISO 1889
Linear density of strands	tex	30								
Chopped fiber length	mm	50								
Loss on Ignition	%	7,0	6,0	5,0	4,5	4,0				ISO 1887
Deviation from the nominale value	%	± 30								
Binder solubility	s	≤ 25								DIN 52332
Breaking load,dry	N/15 cm	≥ 100		≥ 150						ISO 3342
Width *	cm	10-340								
Deviation from the nominale value trimmed both side edges	cm	± 0,5								ISO 5025

* other weights per unit ,widths, border designs and length of the roll on request

Safety information

- toxicologically harmless
- non- respirable

Packing

- mat is wound up on cardboard tube (internal diameter 100 mm)
- rolls packed in polyethylene film
- width of the mat < 110 cm, vertical, several layers
- width of the mat < 180 cm, vertical
- width of the mat ≥ 180 cm, in cage vertical
- width of the mat > 210 cm, in cage horizontal

Storage

- in original packing keep dry
-storage temperature < 35 °C
- the product should be conditioned for 24 hours at room temperature prior to use

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