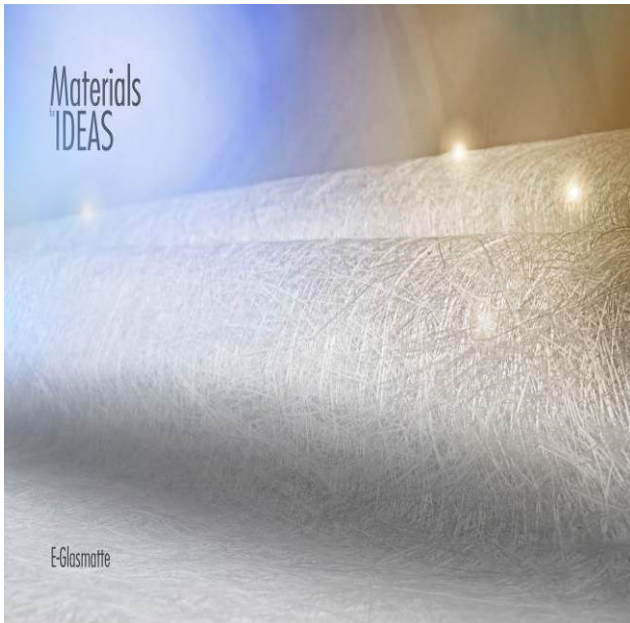


Product information

E-glass mat E-CSM

- powder bound -



Description:

Spin divided mats are powder bound staple fiber mats whose strands get „divided“. So the fiber diameter becomes halved and due to this a finer mat can be produced. The mat is excellently suitable for molded parts with very close radii and complex geometries, but it's also recommended as first layer behind the gelcoat for a better connection resin/gelcoat. The fine fibers are also helpful to minimize extremely fiber marks on the part surface e.g. by rough fabrics and mats. The mat is suitable for UP-, EP- and vinylester resins.

Quality characteristics:

The product is under continuous survey of neutral institutions.
Production inspection is carried out according ISO test standards for the production of fiberglass products.

Technical properties (target values):

	unit		test method
Nominal square weight	g/m ²	100, 130, 150, 225	ISO 3374
Filament diameter	µm	12	ISO 1888
Nominal strand fineness	tex	15	ISO 1889
Standard width	cm	125	STN EN 1773

Conditioning and packaging (standard version):

Roll weight: 100g/m² ca. 35 kg 130g/m² ca. 36 kg
 150g/m² ca. 34 kg 225g/m² ca. 38 kg

Rolls per pallet: 9 resp. 12 pieces
Pallet size: 127 x 127 x 102 cm

Product information

E-glass mat E-CSM
- powder bound -



Description:

The mat consists of cut and non-orientated E-glass strands which have silane size. The binding of the strands amongst each other happens by a powder mat binder on polyester base which is easily soluble in styrene. Working happens in the well-known contact – or continuous processes. The mat is suitable for UP-, EP- and vinylester resins.

Quality characteristics:

Good solubility in resin • suitable for various types of resin • good tensile strength and flexibility
Very good soluble binder • excellent fiber distribution • constant weight distribution • excellent translucent

Technical properties (target values):

	unit	E-CSM 225	E-CSM 300	E-CSM 450	E-CSM 600
Square weight	G/m ²	225 ± 10%	300 ± 10%	450 ± 10%	600 ± 10%
Binder portion	%	2 - 8	2 – 8	2 – 8	2 - 8
Tensile strength lengthwise	N/150mm	50	60	70	80
Tensile strength crosswise	N/150mm	50	60	70	80
Strand fineness	tex	30	30	30	30

Conditioning and packaging (standard version):

Roll weight: 46 kg
Pallet weight: 552 kg = 12 rolls