Powder Chopped Strand Mat

Powder Chopped Strand Mat is an unwoven fabric, consisting of randomly distributed chopped strands held together with a powder binder.

Powder Chopped Strand Mat is compatible with unsaturated polyester, vinyl ester and epoxy resins.

The product is most widely used in the hand lay-up process, and can also be used in filament winding, compression moulding and continuous laminating processes. The typical end-use applications include various panels, boats, bath equipment, automotive parts and cooling towers.

PRODUCT FEATURES

Mat width ranges from 50 mm to 3120 mm. Uniform density ensures consistent fiberglass content and mechanical properties of the end products. The mats feature good mat integrity, low fuzz, less material waste and small roll diameter. Excellent flexibility ensures good moldability with no springback at sharp angles. Fast and consistent wet-out speed in resins and rapid air lease enhance moulding productivity and mechanical properties of the end products. The end products have high dry and wet tensile strength and good transparency.

ISO 9001
INTERNATIONAL STANDARDS ORGANIZATION
Quality Assurance Certification

Freeman 360° Account
No Forms • Pricing Access • Direct Ordering • Order Status
Become a member!

Distributed By
Freeman Manufacturing & Supply Co.
www.freemansupply.com   800-321-8511   FREEMAN

JULY 2008

JUSHI CANADA

1350 Rodick Road, Unit 3, Markham ON L3R 5X4
PHONE: 905-477-7628 • FAX: 905-477-6047 • www.jushicanada.com

TECHNICAL PARAMETERS

Property	Glass	Area Weight (%)	Moisture Content (%)	Combustible Content (%)	Breakage Strength (N)	Width (mm)
Test Method	GB/T 1549	ISO 3374	ISO 3344	ISO 1887	ISO 3342	ISO 5025
EMC225	E	-5/+10	≤ 0.20	3.6 ± 6.3	≥ 60	± 5
EMC300	E	-5/+10	≤ 0.20	3.2 ± 5.4	≥ 90	± 5
EMC375	E	-5/+10	≤ 0.20	2.8 ± 4.8	≥ 100	± 5
EMC450	E	-5/+10	≤ 0.20	2.5 ± 4.2	≥ 120	± 5
EMC600	E	-5/+10	≤ 0.20	2.3 ± 3.9	≥ 150	± 5
EMC900	E	-5/+10	≤ 0.20	2.1 ± 3.6	≥ 180	± 5

PACKAGING

Each Powder Chopped Strand Mat is wound onto a paper tube and then wrapped up with plastic film, which can be packed in a cardboard box or wrapped up with kraft paper. The rolls are to be horizontally placed.

Rolls can be loaded into a container directly or on pallets.

PACKAGING PARAMETERS

Paper tube diameter	91 mm (3.6 in)	73 mm (2.9 in)
Roll diameter	265 mm (10.4 in)	300 mm (11.8 in)
Roll width	50 – 3120 mm (2 – 122.8 in)	

Number of layers	7
Number of products per layer	4
Number of products per pallet	28

Pallet length	1030 – 3140 mm (40.5 – 123.6 in)
Pallet width	1120 mm (44 in)
Pallet height	2035 mm (80 in)

Note: Rolls with a diameter of 300 mm are loaded into a container directly without pallets. Package weight depends on product specifications. Please consult with our sales department.

STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and rain-proof area. It is recommended that the room temperature and humidity should always be maintained at 15°C - 35°C, 35% - 65% respectively.

JUSHI CANADA