Original Composites & Fiberglass

M7

Optimized resin consumption

Newly developed M7 emulsion bound chopped strand mat is specially designed as an ideal solution for open mold hand lay up applications in a variety of industries. The product features optimized resin consumption, excellent mechanical properties and is easy to work with yielding excellent laminate results.

- Produced with Advantex®, market-leading, corrosion-resistant E-CR glass technology.
- Certification by the Indian Registrar of Shipping* (*certification pending)
- Made from medium tex strands randomly dispersed and bonded with an emulsion binder.

FOR OPEN MOLD HAND LAY-UP APPLICATIONS

Product Benefits

Optimal Resin Consumption

- Quick wetting with rapid air release helps optimize resin consumption and optimize resin cost.

Easy Handling & Molding

- Good conformability and easy to work with and less effort required, which assists in making high-quality parts with potential for reduced labor cost.

Excellent Mechanical Properties

- Excellent wet tensile strength and laminate properties, consistent laminate thickness.
- Compared to standard E-glass, Advantex® helps with higher service life in applications facing corrosion.

Application

M7 is specifically designed for use in unsaturated polyester, vinyl ester resin systems in open-mold, hand lay-up applications for manufacturing boats, automotive parts, chemical tanks, flowerpots, and pools. It can also be used for other general purpose applications.

M7 HAND LAY-UP JULY 2026

Availability & Packaging

M7 chopped strand mat is available in India.

MANUFACTURING LOCATION	NOMINAL MAT WEIGHT (G/M²)	ROLL WIDTH (CM)	ROLL DIAMETER (CM)	ROLLS PER PALLET	PALLET SIZE (CM)
Taloja	180 – 225 – 300 – 450 – 600	104 - 125	27.5 cm	16	115 x 115

Labeling

Each individual package is labeled with information including product code, nominal weight, roll width, roll number, date of manufacture.

Storage

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

MAKE MORE POSSIBLE™

India (Mumbai)
7th Floor, Alpha Building,
Hiranandani Gardens
Powai, Mumbai - 400076
+91 22 6668 1700

This information and data contained herein is offered solely as a guide in the selection of product. We do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The physical and chemical properties of this product represent typical, average values obtained in accordance with stated test methods and are subject to normal manufacturing variations. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law, safety code or insurance regulation. We reserve the right to modify this document without prior notice.

Pub. No. 10025378. M7 Product Data Sheet. July 2026. English. © 2026 OCF - Original Composites & Fiberglass. All Rights Reserved.