Original Composites & Fiberglass

MF 01 ER

Advanced reinforcement for fillers

MF 01 ER is an E-CR glass milled fibre engineered to reinforce thermoplastics, thermoset resins, adhesives, coatings, and other formulated products. Its optimized particle geometry improves stiffness, impact performance, flowability, and dimensional stability across a broad range of applications. MF 01ER is produced with patented Advantex® corrosion resistant E-CR glass.

- E-CR glass milled fibre designed for thermoplastics, thermoset resins, adhesives, coatings, and other formulated products.
- Intermediate aspect ratio offers an effective balance between mineral fillers and conventional milled fibres.
- Provides higher stiffness and improved impact performance compared with conventional mineral fillers.
- Powder morphology delivers excellent flowability, easy blending, and low bulk density for efficient processing.

MULTI-RESIN GLASS MILLED FILLER

Product Benefits

Improved Mechanical Performance

Enhances stiffness, impact resistance, dimensional stability, and shrinkage control across a wide range of formulations.

Excellent Processability

Powder form provides easy blending, good flowability, and increased productivity during mixing operations.

Enhanced Functional Properties

Supports flame retardancy, abrasion resistance, coating stability, and anti-crack performance in coatings and gel coats.

Versatile Formulation Compatibility

Suitable for thermoplastics, thermosets, adhesives, coatings, and other formulated systems across multiple industries.

Application

MF 01 ER is engineered for compounding and various mixing processes, delivering reliable reinforcement for thermoplastics, thermoset resins, adhesives, coatings, and formulated products.

Technical Characteristics

PRODUCT	TAP DENSITY (ml/100 g)	MORPHOLOGY	MEDIAN FIBER LENGTH (µm)	SOLIDS CONTENT (%)
MF 01 ER	50–85	Powdery	25	< 0.30

Availability & Packaging

MF 01 ER is supplied in 1000 kg polypropylene bulk bags designed for optimal feeding. Packaging stacking is not recommended.

Labeling

Each individual package is labeled with information including: product name, producing plant, and production date.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. Re-testing is advised after three years from the initial production date to ensure optimum performance.

MAKE MORE POSSIBLE™

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