



MILLED FIBERS PERFORMANCE WITH VERSATILITY

Owens Corning® Milled Fibers are designed to enhance mechanical properties, increase stiffness, improve dimensional stability, and minimize distortion under elevated temperatures.

For use in plastic composites, adhesives, paints, and repair putties, and as an anti-crack agent for coating and gel-coating applications.

- Compatible with thermoplastic materials (including PTFE) and thermoset materials, such as polyester, epoxy, phenolic, and silicon.

FOR THERMOPLASTIC AND THERMOSET RESIN SYSTEMS

Product Benefits

Excellent Dispersion & Impregnation

- Pre-dispersed nature promotes excellent dispersion in the matrix.
- Short-fiber thermoplastic compounds will show improved melt flow characteristics with shorter input fiber lengths.

Impressive Aesthetics

- Fiber length and excellent distribution qualities provide a homogeneous, highly pigmentable surface with limited fiber prints and good color.

Enhanced Part Strength

- Glass reinforced parts exhibit improved mechanical properties, modulus and dimensional stability.

Applications

Milled Fibers are designed to be used in a wide variety of applications in automotive, electrical, consumer, construction, marine, and aerospace industries, including high-flow glass reinforced thermoplastic compounds, PTFE gaskets and seals, repair putties, friction and clutch materials, and specialty paints.



Product Appearance

Powder

Relatively free-flowing with a high bulk density for use in formulations requiring very uniform dispersion and short fibers with median fiber lengths typically in the range of 40-110 microns.

Floccular

Small nodules of glass filaments for use in formulations requiring increased bulk or longer filaments with typical median fiber lengths in the range of 180-200 microns.

Availability

Milled Fibers are available worldwide from the manufacturing region noted.

PRODUCT NAME	MANUFACTURING REGION	APPEARANCE	SIZING AGENT
VS1320K	Europe	Floccular	Silane + Lubricant
VS1304		Powder	Silane
VS1360		Powder	None
REV1	Asia Pacific	Powder	None
REV4		Powder	None
REV7		Powder	Acryl-silane
REV8		Powder	Amino-silane

Standard Packaging

Milled Fibers are packed in strong plastic (Europe) or Kraft paper (Asia Pacific) bags to ensure adequate protection during transit and storage.

PRODUCT NAME	BAG NET WEIGHT (KG)	NUMBER OF BAGS PER PALLET	PALLET DIMENSIONS L X W X H (MM)	PALLET NET WEIGHT (KG)	MANUFACTURING REGION
VS1320K	25	20	1150 x 850 x 1000	500	Europe
VS1304	25	20	1150 x 850 x 1000	500	
VS1360	20	25	1150 x 850 x 1000	500	
REV1, REV4, REV7, REV8	20	50	1100 x 1200 x 1080	1000	Asia Pacific

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. The glass fiber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop in its original packaging for 48 hours prior to its utilization to allow it to reach the workshop temperature condition and prevent condensation, especially during the cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water.

When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to ensure optimum performance.

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