

38 1/32" Milled Glass Fibers



Overview: #38 1/32" Milled Glass Fibers are similar to # 29 1/16" Milled Glass Fibers but the shorter fiber improves finishing characteristics for surface applications. Great to reinforce detailed castings, or blend with epoxy to make a tough outer surfacing coat.

Container sizes are as follows:
2 lbs. (1/2 Gallon)
8 lbs. (Carton)
25 lbs. (Box)

Features & Benefits:

- **Microglass milled fibers are E-glass filaments**
- **Used as a reinforcement in composites to increase mechanical properties (impact, tensile, compressive and flexural), improve dimensional stability and minimize distortion at elevated temperatures**

Typical Product Properties:

Specifications	Average Value
Fiber Diameter	10 microns
Fiber Length	150 microns
Aspect Ratio	13:1
Bulk Density	0.53 g/cc
Moisture Content	<0.1%
Loss of Ignition	<0.08%
Contamination	Free of foreign matter, dirt, oil or grease, and hard lumps of nodulated and/or unmilled fibers
Color	White to off-white
Sizing	Silane
Appearance	Floccular

*Not for specification purposes

Mixing Directions:

Add 5% #38 1/32" Milled Glass Fibers by weight to resin to significantly increase the tensile strength of materials without adversely affecting pourability and surface finish. #38 should not be used to supplement glass fabrics or mat as the primary reinforcement in structural applications.

Storage:

Storage in a dry warehouse is recommended. Open packages should be resealed to prevent contamination of the product or discard.

Safety & Handling:

#38 1/32" Milled Glass Fibers contain ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn. Individuals should wash with soap and water before eating, drinking, or using toilet facilities. Individuals should observe conditions of good industrial hygiene and safe working practice. For more detailed instructions on handling please see the MSDS sheet.