

30 1/4" Chopped Glass Fibers



Overview: These longer glass fibers are used to increase tensile and compressive properties of any resin, even concrete. This coarse mixture can strengthen castings and reinforce fillets in difficult to laminate areas of parts. 1/4" Chopped Glass Fibers are designed to reinforce thermoset Bulk Molding Compounds for the production of compression or injection molded parts.

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

Features & Benefits:

- **Efficient, cost effective processing**
- **Good color characteristics permit pigmentation or color matching to specification**
- **Excellent mechanical properties**
- **Low thermoset resin demand contributes to minimum mixing time**
- **Superior strand integrity resists generation of fuzz or fines as the product passes through the feeding systems**
- **High compounding rates**
- **Sizing system is tailored to provide uniform dispersion during the compounding operation**
- **Used successfully in composite applications that meet FDA requirements.**

Typical Product Properties:

Product Description

Type of Fiber	E-Glass (ASTM D578-98, Paragraph 4.2.2)
Fiber Diameter	13 micron
Type of Sizing	Silane
Cut Length	6.4mm (1/4 in.)

*Not for specification purposes

Mixing Directions:

To mix, use 1 part #30 1/4" Chopped Glass Fibers to 15 parts resin. This ratio may be adjusted as needed. We recommend # 23 Thixotropic Silica as an additive to prevent sagging on vertical surfaces.

Storage:

This product should be stored at room temperature and at a relative humidity of 66% +/- 10%. To avoid problems with humidity or static electricity, the glass product should be conditioned in the working area prior to use.

Safety & Handling:

#30 1/4" Chopped 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.