

Product Properties				
Type of Fiber	E-Glass (ASTM D 578-98, paragraph 4.2.2)			
Fiber Diameter	13 micron			
Type of Sizing	Silane			
Cut Length	¼" (6.4 mm)			

Typical Laminate Mechanical Properties				
Property	Unit	Thermoses Polyester		ASTM Method
		C-M	I-M	
Flexural Strength	Мра	127	120	D790
Tensile Strength	Мра	42	37	D638
Flexural Modulus	Gpa	10.5	10.5	D790
Izod Impact	J/m	374	230	D256
Reverse Impact	J/m	n/a	118	
Glass Content	% by wt.	25	25	D2584

1/4" Chopped Glass Fibers

Part # - 30

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.

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.Good process ability

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.

Information present herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.

©Copyright 2010 Fibre Glast Developments Corporation

Fibre Glast Developments Corporation 385 Carr Drive Brookville, Ohio 45309 Phone – 800.214.8579 Fax – 937.833.6555 www.fibreolast.com



PDCT-PDS-00119-B-09/10-CG