

FGLASS™ X48

BRAND FAMILY OVERVIEW FGLASS™ is a versatile family of fiber sizings and film formers used in the manufacturing of both glass fiber and carbon fiber. It is suitable for both chopped strand and continuous fiber applications.

USAGE This sizing polymer provides exceptionally tight particle size control for fiberglass and other fibers used to reinforce polypropylene. It provides excellent strand integrity in chopped strand applications and contributes to great mechanical properties in the final composite. It is characterized by its small and very consistent mean particle size. As a binder it provides block resistance for soft goods. This product is APE free.

DESCRIPTION Maleated polypropylene dispersion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

Market	Properties Imparted
Fiber Sizing	<i>chopped strands, continuous fiber, impact resistance, PP compatible</i>
Nonwovens	<i>block resistance</i>

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

Appearance:	White liquid
Solids Type:	Maleated Polypropylene
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%) :	34.0 - 36.0
pH:	6.0 - 8.0
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	< 1000
Spindle Number:	3
RPM:	60

SITE OF MANUFACTURE (and PRODUCT CODE) USA (FGLASSX48), Belgium (FGLASSX48.E), Singapore (FGLASSX48.S)

STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

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HANDLING Avoid contact with eyes. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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