

# Hydrosize® U1-03

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**BRAND FAMILY OVERVIEW** Our Hydrosize® line of products includes sizing solutions designed for use in the manufacturing of glass fiber, carbon fiber and natural fiber, including both chopped and continuous formats of those fibers. These are in turn used to manufacture composite products and components.

**USAGE** Designed to be a fiber sizing coating with excellent adhesion and abrasion resistance.

**DESCRIPTION** Phenoxy modified polyurethane dispersion

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

Market	Properties Imparted
Fiber Sizing	chopped strands, impact resistance, PA compatible, PET/PBT compatible

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

Appearance:	Milky white dispersion
Solids Type:	Polyurethane
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%) :	49.0 - 52.0
pH:	6.5 - 8.5
Recommended pH of your system:	> 6.0
Brookfield Viscosity (cps) :	250 - 700
Spindle Number:	3
RPM:	60

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

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

Revised 18 April 2018

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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