

# Hydrosize® U6-01

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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.

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**USAGE** An aqueous solution designed to be used as a fiber sizing agent for continuous nylon and epoxy reinforcements. This product is APE free.

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**DESCRIPTION** Polyurethane solution

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

| Market       | Properties Imparted  |
|--------------|--|
| Fiber Sizing | <i>continuous fiber, impact resistance, PA compatible, PET/PBT compatible, thermosets compatible</i> |

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

|                                |                    |
|--------------------------------|--------------------|
| Appearance:                    | Cloudy solution    |
| Solids Type:                   | Polyurethane       |
| Emulsifier Charge:             | Anionic / Nonionic |
| Non-Volatile (%):              | 28.0 - 32.0        |
| pH:                            | 6.5 - 10.5         |
| Recommended pH of your system: | > 3.0              |
| Brookfield Viscosity (cps):    | 25 - 5000          |
| Spindle Number:                | 4                  |
| RPM:                           | 60                 |

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**SITE OF MANUFACTURE** USA (U601)  
(and PRODUCT CODE)

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**APPLICATION DATA** Stir well before using in production.

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

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**HANDLING** 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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