

# Hydrosize® PA845

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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** An APE free dispersion designed to be used for fiber reinforced nylon composites where greater thermal stability is required. This dispersion has excellent film forming properties and produces high strand integrity, and is solvent and VOC free. This product is APE free.

**DESCRIPTION** Polyamide dispersion

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

| Market       | Properties Imparted      |
|--------------|--------------------------|
| Fiber Sizing | <i>thermal stability</i> |

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

|                                |              |
|--------------------------------|--------------|
| Appearance:                    | White liquid |
| Solids Type:                   | Polyamide    |
| Emulsifier Charge:             | Anionic      |
| Non-Volatile (%) :             | 22.0 - 24.0  |
| pH:                            | 9.7 - 11.0   |
| Recommended pH of your system: | 10.0 - 11.4  |
| Brookfield Viscosity (cps) :   | 100 max      |
| Spindle Number:                | 3            |
| RPM:                           | 60           |

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (PA845)

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

**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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