

# Hydrosize® PP2-01

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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.

**USAGE** An APE-free sizing for fiberglass for LFT and carbon fiber with excellent bond strength.

**DESCRIPTION** Nonionic 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, slip and lubricity</i> |
| Nonwovens          | <i>block resistance</i>  |
| Technical Textiles | <i>adhesion promotion, block resistance</i>  |

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

|                                |                                      |
|--------------------------------|--------------------------------------|
| Appearance:                    | Translucent, light yellow/tan liquid |
| Solids Type:                   | Maleated Polypropylene               |
| Emulsifier Charge:             | Anionic / Nonionic                   |
| Non-Volatile (%) :             | 38.5 - 41.0                          |
| pH:                            | 8.5 - 10.5                           |
| Recommended pH of your system: | > 7.0                                |
| Brookfield Viscosity (cps) :   | 50 - 1000                            |
| Spindle Number:                | 3                                    |
| RPM:                           | 60                                   |

**APPLICATION DATA** Small particle size PP sizing

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

**HANDLING** Avoid contact with eyes. 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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