

Hydrolube® 480

BRAND FAMILY OVERVIEW Hydrolube® fiber lubricants are used to protect glass fiber and other reinforcing fibers during forming, processing and post-processing. Other attribute enhancing properties vary among the product line.

USAGE Provides slip and lubricity when used in fibersizing formulations. This product is APE free.

DESCRIPTION Nonionic microcrystalline wax emulsion

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

| Market | Properties Imparted |
|-----------------|----------------------------------|
| Cable & Cordage | <i>lubricity/slip resistance</i> |
| Fiber Sizing | <i>slip and lubricity</i> |

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

| | |
|--------------------------------|--------------------------|
| Appearance: | Off-white, opaque liquid |
| Solids Type: | Microcrystalline |
| Emulsifier Charge: | Nonionic |
| Non-Volatile (%) : | 39.5 - 40.5 |
| pH: | 8.5 - 10.5 |
| Recommended pH of your system: | 1.0 - 12.0 |
| Brookfield Viscosity (cps) : | < 200 |
| Spindle Number: | 2 |
| RPM: | 60 |

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

HANDLING 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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