

Michem® Lube 160RPH

BRAND FAMILY OVERVIEW Michem® Lube is a versatile family of wax emulsions used to improve processing and performance in many industries, as well as provide a wide array of surface properties.

USAGE APEO-free and formaldehyde-free slip additive made from renewable materials allowing to control the coefficient of friction. This additive enters the formulation of acrylics, PVdC and Michelman low temperature heat seal coatings without affecting bond strength, printability and barrier properties of the coatings. Michem® Lube 160 RPH fully complies with FDA and EU food contact regulations.

DESCRIPTION Carnauba Emulsion

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

| Market | Properties Imparted |
|---------------------|---|
| Functional Coatings | <i>block resistance, lubricity, slip resistance</i> |
| Inks | <i>block resistance, chemical resistance, mar resistance, release, rub resistance</i> |

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

| | |
|------------------------------|---|
| Appearance: | Cream colored, opaque liquid |
| Freeze/Thaw Stability: | Stable |
| Non-Volatile (%) : | 24.5 - 25.5 |
| Specific Gravity: | 0.99 - 1.01 |
| pH: | 4.0 - 7.5 |
| Brookfield Viscosity (cps) : | < 15 |
| Spindle Number: | 1 |
| RPM: | 60 |
| Shelf Life (months) : | The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed. |

SITE OF MANUFACTURE (and PRODUCT CODE) USA (ML160RPH), Belgium (ML160RPH.E), Singapore (ML160RPH.S)

APPLICATION DATA To be used as additive.

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

HANDLING Avoid contact with eyes. Avoid contact with eyes, skin and clothing. 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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