

# Michem® Lube 160RPH

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**BRAND FAMILY OVERVIEW** Michem® Lube is a versatile family of nanoscale wax emulsions, which are mostly carnauba and paraffin-based, 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, skin and clothing. 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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**Americas**

Michelman Inc.  
Tel: +1 513 793 7766  
Fax: +1 513 793 2504

**China**

Michelman New Material  
(Shanghai) Co., Ltd.  
Tel: +86 21 2098 6880  
Fax: +86 21 3810 3811

**India**

Michelman Private Limited  
Tel: +91 22 28672783  
Fax: +91 22 28672784

**Japan**

Michelman Japan LLC  
Tel: +81 03 45 70 64 08  
Fax: +81 03 45 80 74 66

**Luxembourg**

Michelman International SARL  
Tel: +352 26 39 44 1  
Fax: +352 26 39 44 80

**Singapore**

Michelman Asia-Pacific Pte. Ltd.  
Tel: +65 6861 2822  
Fax: +65 6861 2262

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