

Michelman® Michem® Lube 103DI Anionic polyethylene emulsion

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description: Anionic polyethylene emulsion **Usage:** Michem® Lube 103DI is a wax emulsion additive which provides lubricity and mar resistance and is well suited for the glass and metal die industries. Compatible with ingredients used in many industries, including: Automotive care products; Building materials; Can and coil coatings; Concrete; Cordage and twine; Deck stains and sealants; Die lubricants; Fiber sizings; Floor polishes; Furniture coatings; Glass; Gloves, balloons, footwear and mechanical seals; Inks; Packaging films; Pressure-sensitive adhesives; Textiles; Urethane foam and Varnishes

When manufactured in the USA product meets food contact regulations for: Germany: BfR Recommendation XIV (Restricted) **Food Contact Information when manufactured in the USA:** FDA: 175.105: Components of adhesives. 176.170: Components of paper and paperboard in contact with aqueous and fatty foods. (Restricted) 176.180: Components of paper and paperboard in contact with dry foods. Information provided by Michelman®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Michelman-Michem-Lube-103DI-Anionic-polyethylene-emulsion.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 - 0.990 g/cc	0.970 - 0.990 g/cc	
Volatiles	74.5 - 75.5 %	74.5 - 75.5 %	
pH	>= 7.0	>= 7.0	Recommended pH of system
	8.2 - 9.2	8.2 - 9.2	
Brookfield Viscosity	<= 20 cP	<= 20 cP	Spindle # 1, rpm 60

Descriptive Properties	Value	Comments
Appearance	Amber, translucent liquid	
Emulsifier Charge	Anionic	
Solids Type	Polyethylene	

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