

Michelman® Michem® Shield 251 Nonionic polyethylene emulsion

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

Material Notes:

Description: Nonionic polyethylene emulsion Usage: Michem® Shield 251 is an additive which provides abrasion resistance in coatings formulations. Michem® Shield 251 has proven most effective in OPV formulations. Food Contact Information when manufactured in the USA: FDA:175.105: Components of adhesives 175.300: Resinous and polymeric components of coatings. 175.320: Resinous and polymeric components of coatings for polyolefin films. (Restricted) 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-Shield-251-Nonionic-polyethylene-emulsion.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 - 1.00 g/cc	0.980 - 1.00 g/cc	
Volatiles	64.5 - 65.5 %	64.5 - 65.5 %	
pH	>= 7.0	>= 7.0	Recommended pH of system
	9.0 - 11	9.0 - 11	
Brookfield Viscosity	<= 70 cP	<= 70 cP	Spindle # 1, rpm 60

Descriptive Properties	Value	Comments
Appearance	Translucent liquid	
Emulsifier Charge	Nonionic	
Solids Type	Polyethylene/Acrylic Acid blend	

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