

C.O.I.M. FILCO® 309 Film Former for Glass Fiber Sizes

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic

Material Notes:

Description: Film Former for Glass Fiber Sizes
General Information: COIM has developed a range of polyesters for the treatment of glass fiber. These polyesters come in powder and emulsion form and are collectively known as FILCO®. The products in the FILCO® line serve to size glass fiber, to optimize the mechanical characteristics of the fiber, or to bind the fibers for the production of mat.
Typical Physical and Chemical Characteristics: Filco 309 is an epoxy resin in non-ionic water emulsion pure epoxy resin epoxy equivalent ~240 narrow particle size distribution hydrolysis and sedimentation stability from pH 2 to 12 min. 48 h good shelf life high mechanical shear stability of the diluted emulsion
Characteristics of the dried film: clear tacky film compatible with unsaturated polyester, epoxy, phenolic matrices quickly soluble in styrene
Applications: Filco 309 is suggested as a film former for glass fiber sizes for: filament winding roving pultrusion roving woven roving
 Information provided by P.A.T. Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_COIM-FILCO-309-Film-Former-for-Glass-Fiber-Sizes.php

Physical Properties	Metric	English	Comments
Solids Content	52 - 56 %	52 - 56 %	MA145LFE
Particle Size	0.25 - 0.50 µm	0.25 - 0.50 µm	MA147LFE
pH	6.0 - 7.5	6.0 - 7.5	MA148LFE
Viscosity	1500 - 2500 cP	1500 - 2500 cP	MA143LFE

Descriptive Properties	Value	Comments
Appearance	Milky Liquid	
Epoxy Equivalent on Dry Resin	220-280	(g), MA149LFE

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China