

## C.O.I.M. FILCO® 362 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 362 is an epoxy-resin in non ionic water emulsion non ionic emulsifier built in the polymer narrow particle size distribution good shelf life owing to hydrolytic resistance and fine particle size high mechanical shear stability to the diluted emulsion hydrolysis and sedimentation stability in a wide pH range  
**Characteristics of the dried film:** clean non tacky glass transition temperature TG " 10°C high thermal stability does not yellow at high temperature compatible with epoxy and all types of unsaturated polyesters quickly soluble in styrene  
**Applications:** Filco 362 is suggested as a film former for glass fiber sizes for: chopped strand for thermoplastic matrices (PBT-PC-ABS, etc.) filament winding roving pultrusion roving roving for translucent sheet  
 Information provided by P.A.T. Products, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_COIM-FILCO-362-Film-Former-for-Glass-Fiber-Sizes.php](http://www.lookpolymers.com/polymer_COIM-FILCO-362-Film-Former-for-Glass-Fiber-Sizes.php)

Physical Properties	Metric	English	Comments
Solids Content	38 - 41 %	38 - 41 %	MA145LFE
Particle Size	0.20 - 0.50 µm	0.20 - 0.50 µm	MA147LFE
pH	6.0 - 8.0	6.0 - 8.0	MA148LFE
Viscosity	500 - 3000 cP @Temperature 25.0 °C	500 - 3000 cP @Temperature 77.0 °F	spindle n 3-10 RPM; MA143LFE

Chemical Properties	Metric	English	Comments
Acid Value	<= 2.0	<= 2.0	mgKOH/g, MA018LCP

Descriptive Properties	Value	Comments
Appearance	Milky Liquid	
Epoxy Equivalent on Dry Resin	500-560	(g), MA149LFE

## Contact Songhan Plastic Technology Co.,Ltd.

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