

## C.O.I.M. FILCO® 650 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 650 is an unsaturated modified polyester polymer in a non ionic water emulsion. Characteristics of the dried film: clear non tacky compatible with unsaturated polyester and other thermosets low soluble in styrene  
**Applications:** Filco 650 is suggested as a binder for performs and c.s. mat with low solubility in styrene. The use of organic peroxide as a source of free radicals is suggested. Benzoyl peroxide in water dispersion can for example be used at a level of 0.5 - 1.0% on Filco 650. Filco 650 is also suggested as a film former for glass fiber sizes for: roving for smc bmc  
**Information provided by P.A.T. Products, Inc.**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_COIM-FILCO-650-Film-Former-for-Glass-Fiber-Sizes.php](http://www.lookpolymers.com/polymer_COIM-FILCO-650-Film-Former-for-Glass-Fiber-Sizes.php)

Physical Properties	Metric	English	Comments
Solids Content	50 - 54 %	50 - 54 %	MA145LFE
Particle Size	1.0 - 2.5 µm	1.0 - 2.5 µm	MA147LFE
pH	1.5 - 3.5	1.5 - 3.5	MA148LFE
Viscosity	500 - 2500 cP @Temperature 25.0 °C	500 - 2500 cP @Temperature 77.0 °F	spindle n 3-10 RPM; MA143LFE

Descriptive Properties	Value	Comments
Appearance	Milky Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

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