

## C.O.I.M. FILCO® 352 Unsaturated Bisphenolic Polyester Polymer for Glass Fiber Sizing

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

### Material Notes:

**Description:** Unsaturated Bisphenolic Polyester Polymer for Glass Fiber Sizing  
**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.  
**Applications:** Filco 352 has been studied as a primary film forming component of glass fiber sizing for unsaturated polyester matrix strengthening. Consider the following special properties: good solubility in vinylic solvents, good compatibility with other typical sizing component formulations, good compatibility and wet ability with various unsaturated polyester matrixes, good transparency of reinforced composites, high impregnation speed of sized fibers during glass/resin composites working. It is recommendable to use Filco 352 in combination with metacrylic radical organosilanes for glass fiber sizing formulation for: continuous and assembled roving for filament-winding, roving for chip/spray, chopped strand mat with powder and liquid binder highly soluble in styrene. Information provided by P.A.T. Products, Inc..

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_COIM-FILCO-352-Unsaturated-Bisphenolic-Polyester-Polymer-for-Glass-Fiber-Sizing.php](http://www.lookpolymers.com/polymer_COIM-FILCO-352-Unsaturated-Bisphenolic-Polyester-Polymer-for-Glass-Fiber-Sizing.php)

Physical Properties	Metric	English	Comments
Solids Content	39 - 41 %	39 - 41 %	
Particle Size	0.40 - 0.60 µm	0.40 - 0.60 µm	
pH	3.5 - 5.5	3.5 - 5.5	
Brookfield Viscosity	200 - 600 cP @Temperature 20.0 °C	200 - 600 cP @Temperature 68.0 °F	Brookfield RVT spindle 2.2 RPM

Descriptive Properties	Value	Comments
Appearance	Milky Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

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