

C.O.I.M. FILCO® 358 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 358 is an unsaturated polyester resin easily dispersible in water. Characteristics of the dried film: clear non tacky compatible with unsaturated polyesters and other thermoset highly crosslinked low yellowing at high temperature insoluble in styrene
Applications: Filco 358 is suggested as a film former for continuous filament mat with low solubility.
 Information provided by P.A.T. Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_COIM-FILCO-358-Film-Former-for-Glass-Fiber-Sizes.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------------------|-----------------------|----------|
| Viscosity | 1000 - 2000 cP | 1000 - 2000 cP | MA143LFE |
| | @ Temperature 25.0 °C | @ Temperature 77.0 °F | |

| Optical Properties | Metric | English | Comments |
|----------------------|--------|---------|----------|
| Gardner Color Number | <= 3.0 | <= 3.0 | MA003LCP |

| Chemical Properties | Metric | English | Comments |
|---------------------|----------|----------|-------------------|
| Acid Value | 5.0 - 14 | 5.0 - 14 | mgKOH/g, MA018LCP |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|----------|
| Gel Time | 6.00 - 10.0 min | 6.00 - 10.0 min | MA130LFE |

| Descriptive Properties | Value | Comments |
|------------------------|--------------|----------|
| Appearance | Milky Liquid | |

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