

CP-Fiber Fish 400 & Thread Oil 193

Product Description

CP-Fiber Finish 400 and Thread Oil 193 fiber finish additives are silicone-ethylene oxide copolymers that exhibit useful characteristics in the manufacture and processing of fibers and yarns. Some of these characteristics include lubricity, heat stability and static control.

CP-Fiber Finish 400 and Thread Oil 193 fiber finish additives are lubricants that have hydrophilic and silicone portions combined into a single molecule. This allows the lubricity of silicones, which are nor usually water soluble, to be available from water dispersible and Thread Oil 193 fiber finish additive is water soluble. These finishes have a degree of static control that is satisfactory for some uses; however, a water soluble antistat can be added to the finish dilution for extra protection. Comparatively, CP-Fiber Finish 400 fiber finish additive has better lubricity. Thread Oil 193 fiber finish additive exhibits better water dispersibility and static control.

Uses

The combination of properties exhibited by these fluids, and their effectiveness at very low lubricant add-on levels, make them particularly effective as finishes or finish ingredients for texturing and drawtwisting. They are also effective for knitting operations. Specific applications include:

Filament spin-finish additives  
Knitting yarn lubricants  
Texturing lubricants

Staple yarn finish additives  
Coning oil ingredients

Typical Properties\*

	<u>CP-Fiber Finish 400</u>	<u>Thread Oil 193</u>
Chemical Nature.....	Organopolysiloxane	Organopolysiloxane
Color.....	Light Amber	Light Amber
Active Ingredients, percent.....	100	100
Specific Gravity at 77°F (25 °C) ....	1.022	1.070
Viscosity at 77°F (25 °C) ,cSt.....	300	465
Flash Point, Closed cup.....	170°F (77 °C)	173°F (78 °C)
Suitable Diluents.....	Water, Alcohols, Glycol ethers	Water, Alcohols, Glycol ethers

\*These values are not intended for use in preparing specifications.

8.95

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