



Description

FORTA SUPER-SWEEP FINE[®] fiber is a specially-treated 100% virgin synthetic fiber that is multi-functional in the drilling arena. Like the original SUPER-SWEEP[®] fiber, SUPER-SWEEP FINE enhances the carrying capacity of drilling fluids when mixed and distributed, without increasing the fluid's viscosity. This shorter and finer fiber version may also relieve concerns when using down-hole tools and for horizontal drilling applications. In addition, SUPER-SWEEP FINE has proven to be dry blend-able with cement at recommended dosages, and acts as an excellent LCM - Lost Circulation Material - for cementing applications. SUPER-SWEEP FINE fiber is non-corrosive, non-magnetic, chemically inert, and temperature stable in the designed application.

Physical Properties

Material	Virgin Homopolymer Polypropylene
Form	Monofilament Fiber
Color	White
Length	0.125 in (3.2 mm)
Absolute Volume	0.1316604
Specific Gravity	1.0 in treated form
Chemical Resistance	Inert
Absorption	Nil
Softening Point	315°F (157°C)
Safety	Non-caustic, non-hazardous, and non-allergenic during handling in the form supplied
Environmental	No adverse effect on LC 50 values

Packaging

Bags/Boxes/Pails	15.0 lb (6.8 kg) net
Pallets	24 packages; 360 lb (163 kg) net

SUPER-SWEEP FINE[®] can be purchased from FORTA Corporation or an authorized FORTA[®] products distributor, dealer or representative.

U.S. Patents #10,138,407 and #10,246,624. Additional patents pending.

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Applications

SUPER-SWEEP FINE is a multi-purpose fiber, used to clear debris from drilling fluids and lead cement, and/or act as a cohesive LCM binder in cement. The fiber's ability to uniformly mix and suspend in these wet or dry mediums creates a variety of benefit areas, while remaining manageable and user-friendly in the process. When used in cement, additional hardened properties are contributed by the fiber that enhance tensile and compressive strengths, toughness, and ductility.

Installation

SUPER-SWEEP FINE fiber is easily added and mixed in both fluid and cement at various concentration levels, depending on the suspension results or level of LCM desired. As a hole-cleaning agent in drilling fluid, concentrations range from 1/4 to 1/2 lb per barrel of fluid. As a cement LCM additive, dosages of 1/8 to 1/2 lb per sack of cement are possible without related concerns of plugging or balling. When used as a sweep application, the fiber and cuttings and/or millings are removed by the shaker or discharged to the reserve pit.

Additional Information

Additional information such as the Safety Data Sheet, Certifications, videos and other literature can be found on the super-sweep.com website.

Limited Warranty

FORTA[®] Products are warranted to be free of defects in material and will meet all published physical properties as set forth herein. EXCEPT FOR THE EXPRESS LIMITED WARRANTY SET FORTH HEREIN, NEITHER FORTA NOR ANY PERSON ON FORTA'S BEHALF HAS MADE OR MAKES ANY EXPRESS OR IMPLIED REPRESENTATION OR WARRANTY WHATSOEVER, EITHER ORAL OR WRITTEN, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, OR NON-INFRINGEMENT, WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE OR OTHERWISE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED.

The exclusive remedy for defective product is outlined in FORTA's Standard Terms and Conditions of Sale, available upon request. CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.

FORTA reserves the right to change the features and specifications of its products without prior notice.

FD.4.03.07.19