

## Inhance Fluoro-Seal INHANCE<sup>®</sup> PEF High Density Fibrillated Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

### Material Notes:

**Product Description:** INHANCE PEF fiber is a high density fibrillated (highly branched) polyethylene fiber that has been surface activated by a proprietary reactive gas process. Surface activation makes the fibers easy to disperse, and creates superior adhesion between the fiber and the surrounding polymer. **Applications:** Add INHANCE PEF fibers to coatings, adhesives and sealants. INHANCE<sup>®</sup> PEF fibers added to urethanes, epoxies, polyesters (BMC, SMC) and other polymers creates unique reinforced composites. **Fiber Characteristics:** 20 micron diameter  
Fiber Length (avg.): 1.8 - 2.3 mm  
Information provided by Inhance/Fluoro-Seal, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Inhance-Fluoro-Seal-INHANCE-PEF-High-Density-Fibrillated-Polyethylene.php](http://www.lookpolymers.com/polymer_Inhance-Fluoro-Seal-INHANCE-PEF-High-Density-Fibrillated-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.915 - 0.965 g/cc	0.915 - 0.965 g/cc	
Bulk Density	0.0641 g/cc	0.00232 lb/in <sup>3</sup>	
Specific Surface Area	8.0 m <sup>2</sup> /g	8.0 m <sup>2</sup> /g	
Surface Tension	55 dynes/cm	55 dynes/cm	water wettable

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