

## Inhance Fluoro-Seal INHANCE<sup>®</sup> HD-1035 HDPE

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

### Material Notes:

**Product Description:** INHANCE HD-1000 Series Polyethylene Particles are surface-activated High Density Polyethylene (HDPE) in particle or powder form. Surface activation makes the particles easy to disperse, and creates superior adhesion between the particles and the surrounding polymer. **Applications:** Add INHANCE HD polyethylene to urethanes, epoxies, polyesters, and other polymers to create composites that capture the unique benefits of HDPE. These benefits include excellent abrasion resistance, reduced coefficient of friction, enhanced tear strength and improved moisture barrier. INHANCE HD polyethylene can be used in many applications including molded parts, adhesives, paints, and coatings. It can be used as profile additive that tenaciously bonds to the matrix polymer. INHANCE HD polyethylene is easily dispersed in water-based, solvent, and 100% solids coatings of all types. Typical incorporation levels are in the range of 5% - 40%. Information provided by Inhance/Fluoro-Seal, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_inhance-Fluoro-Seal-INHANCE-HD-1035-HDPE.php](http://www.lookpolymers.com/polymer_inhance-Fluoro-Seal-INHANCE-HD-1035-HDPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 - 0.940 g/cc	0.930 - 0.940 g/cc	
Bulk Density	0.416 - 0.528 g/cc	0.0150 - 0.0191 lb/in <sup>3</sup>	
Particle Size	300 Åµm	300 Åµm	Average Size
	710 Åµm	710 Åµm	Finer than
Surface Tension	55 dynes/cm	55 dynes/cm	water wettable

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China