

MICRO
POLYMER
TECHNOLOGIES

MPT Hi-Thix 500HD



Hi-Thix 500HD is a polyamide based thixotropic agent for heavy duty paints.

This product provides anti-sagging / anti-settling property to conventional and high solids / heavy duty solvent systems. Hi-Thix 500HD gives very little trouble such as seeding and/or poor intercoat adhesion.

APPLICATIONS

Hi-Thix 500HD is recommended for solvent based heavy duty paints ; epoxy primers, chlorinated rubber primers and alkyd primers.

TYPICAL PROPERTIES

Chemical Description	100% active polyamide
Appearance	white to light yellow powder
Melting point	122 °C
Acid value	Max. 7
Amine value	Max. 7
Particle size	D10 <2.0 μ m
.....	D90 < 25 μ m

ADVANTAGES

- 100% active polyamide powder
- Strong anti-sagging / anti-settling
- Very good flow and leveling
- Tolerates high processing temperatures
- Very little trouble such as poor recoating and seeding
- Applicable to wide range of solvent based heavy duty coatings

INCORPORATION

Hi-Thix 500HD requires controlled processing temperatures(45~70°C). Hi-Thix 500HD should be added early in the manufacturing process to ensure sufficient wetting and complete activation.

- * Anti-Sagging application : 0.5 - 2.0% by weight of paint.
- * Anti-Settling application : 0.2 - 0.5% by weight of paint.

The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, expressed or implied, including a warranty of merchantability and fitness for use.

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