

MICRO
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TECHNOLOGIES

MPT Hi-Thix 540



Hi-Thix 540 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 540 gives very little trouble such as seeding and poor intercoat adhesion.

APPLICATIONS

Hi-Thix 540 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	< 136 °C
Acid value	Max. 7
Amine value	Max. 7
Particle size	D10 < 1.9 μ m
	D90 < 18 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 540 requires controlled processing temperatures(60~70°C). Hi-Thix 540 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.

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