

MICRO
POLYMER
TECHNOLOGIES

MPT Hi-Thix 590MP



Hi-Thix 590MP is a polyamide micro powder used for preparing a thixotropic paste. To prepare a thixotropic paste with proper characteristics, very sophisticated curing Process is necessary after dispersing Hi-Thix 590MP in xylene and alcohol.

APPLICATIONS

Hi-Thix 590MP is recommended to use in manufacturing paste formulations for solvent based automotive coating, plastic coating and wood coating.

TYPICAL PROPERTIES

Chemical Description	100% amide wax
Appearance	white powder
Melting point	136°C
Acid value	Max. 7
Amine value	Max. 7
Particle size	D10 <1.5 μ m
.....	D90 < 15 μ m

ADVANTAGES (paste product made of Hi-Thix 590)

- Strong anti-sagging / anti-settling
- Very good flow and leveling
- Tolerates high processing temperature
- applicable to wide range of solvent based automotive coating, plastic coating and wood coating.

INCORPORATION

To the xylene and alcohol solvent , add 10~20wt% of Hi-Thix 590MP product cure at proper temperature(40~60°C) and time (24~72hr) after complete dispersion of powder.

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