

MICRO  
POLYMER  
TECHNOLOGIES

MPT

Hi-Thix 590



Hi-Thix 590 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 590 in xylene and alcohol.

## APPLICATIONS

Hi-Thix 590 is recommended to use in manufacturing paste formulations for solvent based heavy duty paints ; epoxy primers, chlorinated rubber primers and alkyd primers.

## 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 <2.0 $\mu$ m
.....	D90 < 25 $\mu$ 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 heavy duty coatings

## INCORPORATION

To the xylene and alcohol solvent , add 10~20wt% of Hi-Thix 590 product cure at proper temperature(50~70°C) and time (24~72hr) after complete dispersion of powder.

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.

**MPT**

852-8 Osikdo-dong, Gunsan City, Jeonrabukdo, Korea [573-540]

Phone : 82-63-465-9780, Fax : 82-63-465-9789, e-mail : mpt@micropolymer.com