



Revised 1/10/2010

## Technical data sheet – specification

### AT-40

#### Typical Physical Properties

Product name	AT-40
Chemical Type	HASE
Polymer Type	Emulsion
Appearance	Milky white liquid
Use	Thickener
Solid content	28.0%
Molecular weight	1,000,000
Tg	60
pH	2.0-4.0
Specific gravity	1.06
Viscosity	Below 100cps
Particle size	120nm

#### Applications

- Thickener for paint / putty (Suitable for Roller, brush, and spray coatings)
- Substitute for Hydroxy ethyl cellulose
- Thickener for Texture coating

#### Properties

- High thickening effect with Good Appearance and rheology.
- Showing Honey-like rheology
- Easily mixed with paint, putty. (just stirring over 20 minutes only)

#### Cautions

- Shows thickening effect in alkaline condition (pH : 8 –11 )
- Shows thickening effect in acrylic resin systems (Not polyvinyl acetate type or PVA).
- For exact adjusting the viscosity or prevent of shocking, AT-40 must be diluted with water(1/1 – 1/3) before adding.

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