



TECHNICAL DATA SHEET

ADIMOK- 34

DESCRIPTION

ADIMOK-34 is an organoclay (tetra alkyl ammonium bentonite) for solvent- based systems of low to medium polarity.

KEY FEATURES

- ❖ High gelling efficiency over low to medium polarity organic liquids, especially in aromatic compounds.
- ❖ Ideal thixotropy property and anti-sediment property.
- ❖ High viscosity and excellent thickening property over a wide temperature range.
- ❖ Imparts particle suspension, preventing hard settling of pigment and fillers.
- ❖ Exerts strong film reinforce action in organic binder systems.

APPLICATIONS

- Acrylic paint
- Alkyd paint
- Anti-corrosion paint
- Bituminous paint
- Baking paint
- Chlorinated rubber paint
- Polyester paint
- Primer paint
- Road paint
- Inks(mineral oil)
- Inks(Nitro)
- Adhesive
- putties and sealant
- Lubricating grease
- Cosmetics
- Waster water treatment

TYPICAL PROPERTIES

| Color | Appearance | Density | Moisture (@105 °C, 2hrs) | Fineness through 200 mesh | Loss on Ignition (@1000 °C) |
|--------------|---------------------|-----------------------|--------------------------|---------------------------|-----------------------------|
| Light Yellow | Free Flowing Powder | 1.7 g/cm ³ | ≤ 3.5 % | ≥ 98 % | ≤ 35 % |

INCORPORATIONS:

ADIMOK-34 belongs to the conventional type of organoclay group, which requires mechanical energy, shear forces applied with a goods dispersion equipment and a chemical (polar) activator to reach the proper level of delamination of the organoclay platelet stacks.



Polar Activator: Dosage of polar activator (such as 95% ethanol, 95% methanol, 95% acetone or propylene carbonate) is 40% - 60% by weight of ADIMOK-34.

It is always recommended to determine the proper level of addition by experiment. Either defect or excess of chemical activator would result in poorer viscosity development.

RECOMMENDED LEVELS:

The amount of ADIMOK-34 rheological additive required depends upon the type of organic system and the degree of thickening or other properties desired. Addition levels are typically between 0.2% - 2.0 % based on the total formulation weight.

International Countertypes: Bentone 34 , Claytone 40