

DESCRIPTION

708YB is an organoclay (tetraalkyl 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 | ●Road paint |
| ●Alkyd paint | ●Inks(mineral oil) |
| ●Anti-corrosion paint | ●Inks(Nitro) |
| ●Baking paint | ●Adhesive |
| ●Bituminous paint | ●Putties and sealant |
| ●Chlorinated rubber paint | ●Lubricating grease |
| ●Polyester paint | ●Cosmetics |
| ●Primer paint | ●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	1.7g/cm ³	≤3.5%	≥98%	≤35%

INCORPORATIONS:

708YB 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 708YB

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 708YB 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

NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.