Alkali Swellable
Associative Thickener
HISOL 303

HISOL 303 is HASE(hydrophobically modified alkali swellable emulsion) thickener for water base paints and ink. Compared to the HISOL D HASE thickener, HISOL 303 has excellent pigment wetting properties. Main advantages of HISOL 303 thickener emulsion are as following.

◇ Paints thickened with HISOL 303 thickener show excellent syneresis and settling resistance in long term storage, and less color floating problem when drying.
◇ Paint thickened with HISOL 303 thickener shows good flow and less roll spatter compared to that thickened with HEC.

◇ Paints thickened with HISOL 303 thickener are highly resistant to attack by microbes and their enzymes. There by eliminating viscosity loss.

◇ Paints thickened with HISOL 303 thickener are less costly to achieve the same viscosity compared to that thickened with HEC.

◇ Paints thickened with HISOL 303 thickener exhibit no remarkable viscosity change in long term storage. Also it is stable under tropical and freeze-thaw condition.

◇ HISOL 303 doesn’t contain any APEO surfactants and additives.

PHYSICAL PROPERTIES

Solid content : 29 - 31%
Viscosity : 70cPs Max(at 25 °C)
P H : 2 - 3.5
Density : Ca 1.05(at 25 °C)
Ionic charge : Anionic

SAFETY AND HANDLING

HISOL 303 is slightly irritating to the skin and eyes. Avoid contact with skin and eye. When handling wear impervious rubber gloves and goggles/Face mask. For handling/operation where possible contact may occur, a safety shower and eye wash station/facility should be available. Further detailed information can be found in the MSDS sheet. Store in closed container at 5 °C - 40 °C.

PACKING

200KGs Plastic Drum