



KAMSONS CHEMICALS PVT. LTD.

Plot No. A-726, T.T.C. Industrial Area, Village Mahape,

Thane Belapur Road, Dist. Thane, Navi Mumbai.

Ph : 022-27780767, 022-27780768. Fax : 022-26854438

Technical Data Sheet

Kamicryl - 5360

Kamicryl- 5360 is an acid containing Polyurethane crosslinked Acrylic emulsion copolymer, which when neutralised with a suitable base forms a highly viscous and very efficient thickening medium for a vast range of water based coatings.

Kamicryl-5360 being a polyacrylic thickener gives superior performance than conventional thickeners like CMS, HEC. Storage stability of paint with Kamicryl-5360 is much superior than with CMS or HEC.

If the system contains enough free alkalinity to neutralize Kamicryl-5360 then "Insitu" solubilization and thickening takes place. If no free alkalinity is present then alkali can be added to the system containing Kamicryl-5360 and "in-situ" thickening will occur. Kamicryl-5360 fully neutralizes at a pH approximately 8.0.

Typical Properties :

Appearance	:	Milky , white liquid.
Polymer Type	:	Acrylic
Brookfield Viscosity(RVT)	:	4 poise
Solids Content	:	29 ± 1 %
pH	:	2 - 4

SUGGESTED APPLICATIONS

The high viscosity of **Kamicryl-5360** solutions, even at low concentrations, suggests their use to suspend pigments and fillers in water- based paints, inks or other coatings and the abrasive particles in waxes or polishes. Dispersions of high density pigments thickened to only 500 to 1000 cps, show no tendency to separate after several months storage. Kamicryl-5360 shows little flocculating effect of pigment dispersions in marked contrast to some other thickeners. Kamicryl-5360 is also useful for viscosity adjustment of emulsion and latex compounds of many types.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
