

DISPERSANT ASP 42

Acrylic Polymer

1/18

INTRODUCTION

Dispersant ASP 42 is an APEO and Formaldehyde free, highly effective dispersant for anionic pigments and extenders in aqueous systems. The product is compatible with all common synthetic emulsions, creates little foam and is effective in a wide pH range.

TYPICAL PROPERTIES

Appearance	Light to dark blue-green clear liquid
Composition	Ammonium salt of polycarboxylic acid
Solid Content	40 ± 1%
Viscosity 25°C LVT 2/60	100 - 400 cps
Density at 20°C	Approx. 1.18 g/ml
pH	6.5 - 7.5
Solubility in Water	Soluble in Water
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

- Low amount of dispersing agent is needed to have efficient dispersion of pigments and extenders
- Short grinding time required
- Excellent storage stability of finished products

Dispersant ASP 42 is generally added in emulsion paints with 0,1 - 0,5% calculated on pigments / extenders. The actual quantity required essentially depends on the type of the pigments / extenders used and should be determined from case to case (determination of the optimum quantity of the dispersing agent). Dispersant ASP 42 can be added alone or combined with nonionic compatibilizers. If more than 1% of Dispersant ASP 42 is added, it should be tested whether the water sensitivity of the film increases. In emulsion paint procedure, Dispersant ASP 42 normally has to be added before addition of pigments / extenders.

PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5 - 25°C for a maximum of 12 months and freezing must be avoided.