

BENCHEM[®] BN40

Dispersant Agents

Technical Data Sheet

General

BENCHEM BN40 is a polycarboxylic acid pigment dispersant that offers excellent performance at an economical price.

BENCHEM BN40 can be used for a wide variety of latex paint formulations. It is recommended for low sheen flat through semi-gloss Acrylic, Styrene-Acrylic and Vinyl Acrylic formulations and is effective over a pH range of 6.5 to 10 with a wide temperature range.

BENCHEM BN40 pigment dispersant is supplied at 45% solids in the sodium form. It is a very low foaming dispersant and is very efficient to disperse mineral slurries.

BENCHEM BN40 is most commonly used at levels of 0.3%-1.0% active ingredient based on total weight of pigment and extenders.

Characteristics of the Product

- Lower formulated cost
- Low millbase viscosity for efficient dispersion
- Wide versatility. Can be used in flats through semi gloss formulations
- Excellent colour acceptance with high reproducibility
- Excellent heat-age and shelf stability
- Low odour
- Easy to process and handle

Typical Properties

Appearance	Clear, Yellow Liquid
Chemical Type	Anionic
pH	6.5 – 7.5
Solids %	45
Specific Gravity at 25 C	1.3