

Solvent-borne Defoamer LD-2052

(Similar to BYK-052、EFKA-2020)

First, Introduction

LD-2052 is a solution of a non-silicone polymer, that is used as standard defoamer in solvent-borne paints and inks. It could prevent foam formation both during production and application of paints and inks. LD-2052 provides fast defoaming, prevents foam formation and doesn't affect the recoatability.

Second, Technical information

Appearance: colorless transparent liquid

Solid content: 20%

Density (20°C): 0.8-0.9 g/cm³

Solvent: Xylene / propylene glycol methyl ether / amyl acetate

Third, Application range

LD-2052 has extremely good performance in the following systems: industrial paints, automotive paints, construction paints, wood paints. It is also suitable for can and coil coating systems.

In order to obtain sufficient defoaming effect, it is suggested to add LD-2052 at the grinding stage with dosage around 0.1-0.5% upon total formulation. If added at the later stage, enough shear forces should be provided to ensure good dispersion of the defoamer. Because of LD-2052 strong immiscibility, the effect on transparency and shrinkage of varnish systems must be evaluated.