Antifoam AY-50

silicone-containing defoamer for aqueous architectural coatings , Liquid Admixture , Printing ink and adhesives.

Technical Data Sheet

Chemical Nature:

Emulsion of hydrophobic solids, emulsifiers and foam-destroying polysiloxanes.

Physical Properties

The values listed on this data sheet do not represent specification limitations; rather, they describe typical properties.
Density (20 °C): 1.01 g/ml
Non-volatile matter (10 min., 150 °C): 15%
Carrier: Water

Applications

Coatings industry

• A highly versatile defoamer for aqueous systems is Antifoam AY-50. The ingredient is particularly advised for use in the manufacture and application of plasters and emulsion paints in the 30- to 85 PVC range.
Antifoam AY-50 can be used to aqueous systems. It works well to stop microfoam and has a spontaneous defoaming effect. The additive can be post-added and exhibits excellent compatibility.

Recommended Dose

0.05-1 % additive (as supplied) based on the total formulation.

You can utilise the suggested levels mentioned above for orientation. A number of laboratory tests are used to identify optimal values.

Incorporation and processing instructions

The additive can be added at any time during production. Sufficient shear forces must be applied.

Printing inks

Antifoam AY-50 is particularly suitable for aqueous printing inks, OPV, and aqueous, radiation-curable printing systems.

Recommended Dose

0.2-1% additive (as supplied) based on the total formulation.

You can utilise the suggested levels mentioned above for orientation. A number of laboratory tests are used to identify optimal values.

Incorporation and processing instructions

During incorporation, ensure sufficiently high shear forces are applied.

Construction chemicals

Antifoam AY-50 is a highly effective defoamer for the production of common liquefiers based on lignin and naphthalene sulfonate. Antifoam AY-50 exhibits optimum performance at the lowest dos

Recommended Dose

0.1-0.5% additive (as supplied) based on the total formulation.

You can utilise the suggested levels mentioned above for orientation. A number of laboratory tests are used to identify optimal values.

Incorporation and processing instructions

the additive can be added at any time during production.

Usable Life and Storage:

It should be kept at a temperature of 0 °C and 40 °C away from direct sunlight.