AGITAN® 280

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of liquid hydrocarbons, hydrophobic silica, synthetic copolymers and nonionic emulsifiers

Appearance: liquid

Colour: brownish, turbid

Typical Properties:
- Active ingredients: approx. 100 %
- Consistency: medium viscosity
- Density at 20°C: approx. 0.93 g/cm³
- Flash point: above 120 °C
- Solubility in water: emulsifiable, results in an emulsion, which separates slowly
- pH (2% in dist. water): approx. 6

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: AGITAN 280 is a highly effective and well dispersible defoamer for aqueous emulsion based and water reducible systems.

Main applications:
- Architectural coatings
- Emulsion plasters
- Industrial and wood coatings
- Printing inks
- Adhesives

Recommended levels/use: Normal dosage ranges from 0.1 - 0.5 % on finished product. AGITAN 280 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 280 is added to the pigment dispersion and 1/3 is added to the letdown. Dilution of AGITAN 280 in solvents of the formulation may improve distribution of the defoamer.

Storage/handling: AGITAN 280 is not sensitive to freezing, but for better handling it should be stored between 15 and 25 °C. As the product tends to separate it must be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 900 kg net, drums holding 135 kg net and kegs holding 25 kg net.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product’s performance in their own systems. This technical data sheet replaces all previous issues.

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