MÜNZING
CREATING ADDITIVE VALUE

AGITAN® 158

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of organic modified polysiloxanes emulsified in water

Appearance: liquid
Colour: white, turbid

Typical Properties:

Active ingredients:	approx. 25 %
Consistency:	approx. 5000 mPa s
Density at 20°C:	approx. 0.98 g/cm³
Solubility in water:	miscible in any ratio
pH (conc.):	approx. 7

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 158 is a polysiloxane emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios. AGITAN 158 can be used in pigmented and non-pigmented water based systems. AGITAN 158 is especially designed for the use in water based wood coatings, particularly airless, airmix and HVLP applied coatings and parquet lacquers.

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

Recommended levels/use: Ladder studies are recommended to determine optimum level. Normal dosage ranges from 0.05 to 0.5 % on finished product. AGITAN 158 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 158 is added to the pigment dispersion and 1/3 is added to the letdown.

Storage/handling: AGITAN 158 is not sensitive to freezing, but for better handling it should be stored between 5°C and 25°C. Frozen product must be defrosted and homogenized by stirring before use. As the product tends to separate slightly it must be stirred before use. The minimum shelf life in closed containers is 6 months from the date of manufacture.

Packaging: Totes holding 900 kg net, drums holding 140 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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