

AGITAN[®] 155

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Aqueous emulsion of polysiloxane copolymer with hydrophobic silica

Appearance: liquid
Colour: white, turbid

Typical Properties:

Active ingredients:	approx. 24 %
Consistency:	approx. 1300 mPa s
Density at 20°C:	approx. 1.00 g/cm ³
Solubility in water:	miscible in any ratio
pH (conc.):	approx. 6.5

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 155 is a polysiloxane emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios. AGITAN 155 is resistant to alkaline environment. It can be used between pH 6 and 11.

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 155 is typically added undiluted during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 155 is added to the pigment dispersion and 1/3 is added to the letdown.

Storage/handling: AGITAN 155 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. The product may slightly separate on storage. Then AGITAN 155 should be mixed before use. The minimum shelf life in closed containers is 9 months from the date of manufacture.

Packaging: Totes holding 950 kg net, drums holding 150 kg net and kegs holding 25 kg net.