

AGITAN[®] 527

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of polysiloxane and polyoxalkylene emulsified in water

Appearance: liquid
Colour: white

Typical Properties:

Active ingredients:	approx. 17 %
Consistency:	medium viscosity
Density at 20°C:	approx. 1.00 g/cm ³
Solubility in water:	miscible in any ratio
pH (2% in dist. water):	approx. 8

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 527 is a polysiloxane emulsion with excellent stability and defoaming persistency. The defoamer is miscible with water in all ratios. AGITAN 527 is resistant to alkaline and acid environment. It can be used between pH 2 and 11.

Main applications:
- Architectural coatings
- Building products
- Industrial and wood coatings
- Printing inks
- Adhesives
- Waste water treatment
- High-temperature process water
(flue gas cleaning)

Recommended levels/use: Ladder studies are recommended to determine optimum level. Normal dosage ranges from 0.05 to 0.5 % on finished product. AGITAN 527 is typically added during pigment grinding for optimum distribution and de-aeration. For most efficient use 2/3 of AGITAN 527 is added to the pigment dispersion and 1/3 is added to the letdown. The recommended dosage for process and waste water treatment is 100-200 ppm.

Storage/handling: AGITAN 527 is sensitive to freezing. The product may slightly separate on storage. Therefore AGITAN 527 must be mixed before use. The minimum shelf life in closed containers is 9 months from the date of manufacture.

Packaging: Totes holding 1000 kg net, drums holding 140 kg net and kegs holding 25 kg net.