

AGITAN[®] 282

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. 0.96 g/cm ³
	Flash point:	above 100 °C
	Solubility in water:	easily emulsifiable, results in a stable emulsion, which separates slowly
	pH (2% in dist. water):	approx. 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 282 has a wide formulation latitude due to its ease of emulsification. Therefore it is especially suitable for clear coats, non-pigmented systems, low viscous systems and emulsion manufacturing.

Main applications:

- Architectural coatings
- Adhesives
- Emulsion plasters
- Emulsion manufacturing
- Building products
- Industrial and wood coatings
- Automotive coatings
- Printing inks

Recommended levels/use: Ladder studies are recommended to determine optimum use level. Normal dosage ranges from 0.1 - 0.5 % on finished product. AGITAN 282 is typically added undiluted during pigment grinding for optimum distribution and foam control. For intensive dispersing and grinding, AGITAN 282 should be added in the last third of the processing step. Pre-emulsification into water for post-addition is also possible.

Storage/handling: AGITAN 282 is not sensitive to freezing, but for better handling it should be stored between 15 and 25 °C. The product may separate on storage. Therefore AGITAN 282 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 140 kg net and kegs holding 25 kg net.