

TECHNICAL INFORMATION

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NEWOTEC[®] 558

Product Category:	Defoamer for aqueous systems
Fields of Application:	Aqueous dispersions/emulsions/solutions of any kind
Product Characteristics:	<ul style="list-style-type: none">➤ highly effective in a wide temperature range➤ very good emulsion stability➤ universally applicable in nonionic, anionic and cationic systems
Chemical Composition:	Polysiloxane emulsion with additives
Technical Data:	Appearance (20 °C): white, liquid emulsion Ionic state: nonionic Freezing point: 0°C Boiling point: 100°C pH value: 7 (100 g/L demin. water) Density 20°C: approx. 1.0 g/cm ³ Stability: stable in hard water, acids and alkalines in commonly used concentrations
Storage:	Shelf life: in originally sealed drums, approximately one year from the date of delivery under the conditions recommended below Storage Conditions: Recommended storage temperature: min +3°C, max +35 °C Protect from frost, direct sunlight and heat! Keep containers tightly closed and always reseal after sampling or use!
Packaging:	drum / IBC
Use concentration:	0.05 to 0.5 g/L In any case we recommend to carry out own lab tests to determine the optimum dosage, especially when the recommended maximum dosage is exceeded.

NEWOTEC[®] 558

Application:

NEWOTEC[®] 558 is a universally applicable defoamer for many kinds of aqueous dispersions/emulsions/solutions. In order to get best results it is recommended to add the defoamer prior to the mixing/blending process. The formation of air bubbles will then be suppressed most efficiently.

In any cases when NEWOTEC[®] 558 is used to defoam hot water, the defoamer should be diluted 1/3 to 1/10 in cold water before adding it.

Further Information:

NEWOTEC[®] 558 contains silicone. It should therefore be tested before if the presence of small amounts of silicone causes any disturbances in the final application.

The data in this technical information are derived from practical experience. They do not guarantee specific product properties or the suitability of the product for particular applications. Lab or pilot tests should be carried out in any case. Due to many different possible process conditions we cannot assume any liability. Any existing industrial patent rights have to be respected. Additional information on product properties pertaining to working safety as well as environmental protection can be found in the material safety data sheet.