

PULPSIL[®] 281 C

Silicone Antifoam Compound

PULPSIL[®] 281 C is a highly viscous, relatively alkaline resistant, extremely efficient, solvent and water-free silicone antifoam compound, especially developed for use in pulp mills.

Properties

PULPSIL[®] 281 C is characterised by:

- very good handling
- excellent good long-term efficiency
- very good knock-down efficiency

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	25 °C	approx. 40000 mPa·s	DIN EN ISO 3219
Appearance	-	-	visual check
Flash point	-	271 °C	Closed cup
required dosage ⁽¹⁾	-	0.015 - 0.15 kg/t pulp	-

¹but depends greatly on the medium to be defoamed and on the process. Regional exceptions may apply. Please refer to PCS.

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Antifoams for Textile Finishing
- Pulp

Application details

For high efficiency it is necessary that PULPSIL® 281 C be well dispersed in the foaming medium.

Therefore PULPSIL® 281 C can be added only in neat form if high amounts of surfactants and/or high shear forces ensure a good dispersion.

Preferably PULPSIL® 281 C should be added in emulsion form. The use as a booster to organic defoamers is also possible, but sufficient compatibility of PULPSIL® 281 C with the organic system has to be guaranteed.

When used in a suitable formulation like an emulsion, PULPSIL® 281 C is an excellent antifoam agent, especially recommended for the use in different pulp processing steps like washing, screening, bleaching and waste water treatment.

The product is thixotropic. Weak stirring is necessary to reduce the viscosity.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable.

In this case however, the properties required for the intended use must be checked for quality assurance reasons.

QR Code PULPSIL® 281 C



For technical, quality or product safety questions, please contact:

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