

FoamStar® SI 2281

Product description Highly effective defoamer compound

- Key benefits**
- Defoamer and de-aerating agent for aqueous clear coats and pigmented systems
 - Especially suitable for wood, general industrial coatings and architectural paints and stains
 - Universal grinding defoamer

Chemical nature Polyether-modified polydimethyl siloxane

Properties

Physical form Clear to hazy whitish liquid

Technical data (not supply specification)	Active matter	100 %
	Density at 20 °C	~ 1,01 g/cm ³
	Viscosity	~ 500 mPa*s

Application

FoamStar® SI 2281 is recommended for high shear processes and is therefore well suitable as universal grinding stage defoamer. Due to its broad compatibility, it is also highly recommended for architectural paints and stains based on pure acrylates and acrylic copolymers as well as for wood coatings based on acrylates and polyurethane emulsions.

Recommended concentrations

A dosage of 0.2 – 1.0 % calculated on total formulation is recommended for effective foam elimination.

To ensure maximum performance, FoamStar® SI 2281 should be added in an early step of the production process, resp. in pigment concentrates. It actively prevents micro and macro-foam in the respective systems. It can be ideally used in the grind stage in combination with a more compatible let-down defoamer. However – when sufficient shear forces are applied, the product can be possibly also used in the let-down stage.

Storage

FoamStar® SI 2281 should always be stored in tightly closed containers. Store in a cool place.

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Validity

This Technical Data Sheet is valid for all versions of the FoamStar® SI 2281.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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