DEE FO® PI-35

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Blend of 3-Dimensional siloxane and water

Appearance: Liquid

Colour: Translucent off-white

Typical Properties:

- Active ingredients: approx. 62.0%
- Consistency: approx. 3,000 mPas/cps
- Density at 20°C: approx. 8.70 lbs/gal
- Emulsifiable: Slight
- pH (2% in dist. water): approx. 7.3

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: DEE FO PI-35 is a defoamer that finds use in a broad range of various printing inks and coatings applications. Areas of use in the ink industry include the grind, as well as in the final ink formulations. DEE FO PI-35 is highly effective in most corrugated, packaging, envelope, metallic inks, news inks, and coatings for flooring. DEE FO PI-35 is also efficient when used as a press-side defoamer.

Main applications:
- Grind stage of coatings
- Flooring coatings
- Automobile coatings
- Corrugated printing inks
- Packaging inks
- Envelope printing inks
- Fountain solutions printing inks
- Metallic printing inks
- News printing inks
- Pigment grinding – colors printing inks
- Press-side printing inks

Recommended levels/use: The properties and performance of a defoamer are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance prior to use. A starting dosage level of 0.1% to 0.6%, based on the weight of the formulation, is recommended.

Storage/handling: Always mix prior to use as the product tends to separate slightly

- Protect from freezing.
- Mix product and retest for quality after one year from the date of manufacture.
- The minimum shelf life in closed containers is 12 months from the date of manufacture.

Packaging: Drums holding 460 lbs/209 kg net or 5 gallon pail holding 42 lbs/19 kg net.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product’s performance in their own systems. This technical data sheet replaces all previous issues.

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