

DAPRO® DF 7015

Anti-foaming Agent

GENERAL INFORMATION

DAPRO DF 7015 is a defoamer for waterborne systems with very good emulsifying properties. It is specially recommended for use in grinding pastes, emulsion paints and inks.

CHEMICAL & PHYSICAL PROPERTIES

Appearance	light amber wax liquid
Active matter	99 - 100%
Density, 25°C (ISO 2811-2)	840 - 880kg/m ³
Viscosity, 25°C (ASTM D 2196)	700 - 1000 mPa.s
Solubility	easy emulsifiable in water, which creams slowly
Composition	ultra fine dispersion of wax in mineral oil

These are typical properties not to be used for specification purposes.

APPLICATIONS

- **DAPRO DF 7015** is specially recommended for systems with poor emulsifying properties such as pigment dispersions, industrial coatings, colorants, and dispersions with low surfactant addition. The product is easily emulsifiable in aqueous systems, resulting in a homogeneous and uniform distribution. As a consequence, the risks for surface defects, such as cratering or matting, are minimized. **DAPRO DF 7015** is very efficient for combating micro-foam.
- **DAPRO DF 7015** has excellent stability properties and can be stored for many months without the risk of separation of sedimentation.
- **DAPRO DF 7015** is based on oil/wax components with a trace silicone addition. The product is manufactured according to a unique process that ensures very stable dispersions.

KEY PROPERTIES

Feature	Consequence
• Neutral compound	- works in a wide range of waterborne systems
• Good emulsifiability	- homogeneous distribution
• Excellent stability	- minimal risk of surface defects

INCORPORATION

It is recommended to add at least half of the quantity of **DAPRO DF 7015** to the mill base formulation and the rest during the letdown stage. Use in the letdown stage should be restricted to higher PVC formulations

LEVELS OF USE

The exact concentration to be used depends on the individual conditions. In general a level of 0.2 - 0.5% **DAPRO DF 7015**, calculated on the total quantity of the paint system, will give excellent results.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

SHELF LIFE

DAPRO DF 7015 has a shelf life of 1 (one) year from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563