

## 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.

## PHYSICAL PROPERTIES

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

## APPLICATION AND PROPERTIES

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.

## Feature

- Neutral compound
- Good emulsifiability
- Excellent stability

## Consequence

- works in a wide range of waterborne systems
- homogeneous distribution
- 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. 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 DATA

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage. MSDS' can be found on the company website at [www.elementis-specialties.com](http://www.elementis-specialties.com).

## 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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