

## Anti-foaming Agent

## GENERAL INFORMATION

DAPRO® DF 7010 is a liquid defoamer, economical in use, for universal water based applications. The product shows very good long-term efficiency.

## PHYSICAL PROPERTIES

Appearance	: light amber cloudy liquid
Active matter	: 99 – 100%
Density, 25°C (DIN 53217/3)	: 840-880 kg/m <sup>3</sup>
Viscosity, 25°C (ASTM D 2669)	: 600 – 1000 mPa.s
Solubility	: emulsifiable in water, resulting in an unstable emulsion, which creams rapidly
Flash point (ASTM D92)	: 177°C
Composition	: APE-free

## APPLICATION AND PROPERTIES

DAPRO® DF 7010 is specially recommended for systems with good emulsifying properties, such as surfactant stabilised emulsions and emulsion paints. DAPRO® DF 7010 is based on oil/wax components with a small addition of a special silicone. The product is manufactured according to a unique production procedure, resulting in a very stable compound. DAPRO® DF 7010 can be stored for many months without the risk of separation or sedimentation.

Feature	Consequence
• Excellent stability	- best reproducibility
• Low emulsifiability in water	- provides longterm effectivity - decreased water sensitivity and increased scrub resistance
• Economical in use	- cost saving

## DOSAGE

It is recommended to add at least approx. half of the quantity of DAPRO® DF 7010 to the mill base formulation and the rest during the letdown stage. The exact concentration to be used depends on the individual conditions. In general a rate of 0.2 – 0.5% DAPRO® DF 7010, calculated on the total quantity of the paint system, will give excellent results.

## HANDLING AND SAFETY

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

## QUALITY ASSURANCE

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

DAPRO® DF 7010.doc/161204

The information in this publication is intended to serve as guide but is not necessarily complete and is given without warranty. We recommend all users to determine the suitability of our products for their intended uses and caution them to comply with statutory obligations and to avoid infringing rights of third parties. We encourage users to contact us to discuss problems involving our products in order to facilitate their use.

**Elementis Specialties**  
Pegasuspark  
De Kleetlaan 12A – Bus 3  
B-1831 Diegem • Belgium  
Tel +32 2 790 76 00  
Fax +32 2 790 76 60

**Elementis Specialties**  
P.O. Box 700  
Hightstown  
NJ 08520 • USA  
Tel +1 609 443 2000  
Fax +1 609 443 2422

**Elementis Specialties**  
No. 120 Jalan Kapar 27/89  
Section 27 • 40400 Shah Alam  
Selangor • Malaysia  
Tel +603 519 228 87  
Fax +603 519 238 87