ELEMENTIS
A global specialty chemicals company

Enhanced Performance Through Applied Innovation

DAPRO® AP 7015S

Anti-foaming Agent

GENERAL INFORMATION

DAPRO AP 7015S is a defoamer for waterborne systems with very good emulsifying properties. It has excellent anti-foaming and de-foaming effects.

CHEMICAL & PHYSICAL PROPERTIES

Composition	ultra fine dispersion of wax in mineral oil
Appearance	milky to light amber wax liquid
Active matter	≧ 95 %
Density, 25 °C	820 - 880 kg / m^3
Viscosity, 25 °C	600 - 2500 mPa.s
Solubility	easy emulsifiable in water, which creams slowly

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

APPLICATIONS

- Latex paints
- Pigment dispersions
- Adhesives
- Inks
- Other waterborne systems with poor emulsifying properties

KEY PROPERTIES

DAPRO AP 7015S is specially recommended for systems with poor emulsifying properties such as latex paints, pigment dispersions, adhesives, inks, other aqueous systems with poor emulsifying properties dispersions and so on. 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 AP 7015S is very efficient for combating micro-foam. **DAPRO AP 7015S** has excellent stability properties and can be stored for many months without the risk of separation of sedimentation. **DAPRO AP 7015S** 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	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 AP 7015S** 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 AP 7015S**, 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.

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SHELF LIFE

DAPRO AP 7015S has a shelf life of 18 months from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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