
SILCO AC 1036

Characterization

Pigment dispersant for coatings

Chemical Structure

Aqueous solution of polyacrylate

Supplied Form

Yellow liquid

pH Value

5.7 – 7.3

Ionic character

Anionic

Specific Weight at 20 °C

Approx. 1.18 g/cm³

Solid content

36 – 38 %

Viscosity

< 500 mPas (Brookfield RV, spindle: 1, 20 rpm)

Storage

The product is sensitive to frost to a certain extent. Changes occurring at low temperatures will disappear after warming and thorough stirring.

As far as possible, storage should be at a uniform temperature in the region of 5 - 25°C. SILCO AC 1036 should be kept away from frost and direct exposure of sunshine. Opened containers must be tightly closed again. The product can be stored for 12 months in its original, closed packaging under appropriate conditions.

Properties

SILCO AC 1036 is highly appropriate as dispersing agent for aqueous coating systems such as disperse and silicone resin paints, synthetic resin plasters. SILCO AC 1036 can be used for good dispersion stability and film properties.

SILCO AC 1036 is compatible with wide range of pigments, extenders and polymers. Product is effective over a wide pH range and has wide formulation facility. SILCO AC 1036 is stable against heat and improves scrub resistance of coatings.

Through stabilization of the dispersed colour system with SILCO AC 1036 the deagglomeration is prevented and the covering power as well as the sedimentation tendency of the coating material is simultaneously optimized.

Application Technique

Fields of application

SILCO AC 1036 is a universally applicable pigment dispersant for various latex based coatings and provides many formulating advantages.

SILCO AC 1036 provides good gloss and hiding. In addition, when handled with high-performance binder and additives, greater corrosion resistance can be obtained.

SILCO AC 1036 is highly appropriate for the use in disperse and silicone resin paints, synthetic resin plaster and disperse adhesives. SILCO AC 1036 can be used for good dispersion stability and film properties.

Recommendation for Use

The usual application concentration of SILCO AC 1036 is

0.1 - 0.3 % SILCO AC 1036

related to the whole recipe.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

Edition: September 2022

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: +90 212 886 79 13, Fax:+90 212 886 93 47,

Email:info.turkey@cht.com