

ADDITOL® VXW 6387

TYPE

Electroneutral wetting and antisetling agent, without addition of silicon

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 60 %

Appearance

low-viscous liquid

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 50 - 150
(100 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 8,0 - 9,0
(10 %)

Non-Volatile Matter DIN 55671
non-volatile matter [%] 45,5 - 48,5
(150 °C; 10 min)

Not continually determined:

Colour / Appearance VLN 250
colour brown
appearance clear

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 45,5 - 48,5
*
(1 h; 125 °C; 1 g)

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 0,95
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 35
approx.

SPECIAL PROPERTIES

Prevents the sedimentation of pigments in paints. Improves the pigment-wetting during dispersion. The tendency to flow off is reduced and the covering of edges is improved.

Suggested for all waterborne, solvent based and solvent-free paint systems.

SUGGESTED USES

Additol VXW 6387 is usually compatible with waterborne, solvent based and solvent-free binders. It prevents the sedimentation of pigments in paints. The rheological character of paints is improved. The tendency to flow on vertical surfaces is reduced. The edges of substrates are better covered in case of dipping application.

The drying of oxidatively drying systems is not influenced by Additol VXW 6387, if the appropriated dose is used. Also the efficiency of siccatives in paints, stored for a long time, is not reduced using Additol VXW 6387.

Considering anti-corrosive paints, there is no corrosion-resistance loss by using Additol VXW 6387. It is recommended to be used for the activating of organophile bentonites and it improves the effect of pyrogene silica.

PROCESSING

Additol VXW 6387 can be added in any stage of the paint production. We especially recommend the addition during pigment dispersion.

Amounts up to approx. 5 % on pigments and fillers may serve as a guide. These are standard values, the most effective dose must be found by experiments.

Standard formulation for the activation of bentonite:

80 - 87 parts xylene or white spirit
10 parts bentonite
10 - 3 parts Additol VXW 6387

100 parts

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

A slight turbidity of Additol VXW 6387 is possible, which however does not negatively influence the quality of the paints produced with Additol VXW 6387.

* Note

The non-volatile matter content of a product is not an absolute quantity but depends upon the temperature and period of heating used for the test. Consequently, when using this method, only relative and not true values for non-volatile matter content are obtained owing to solvent retention, thermal decomposition and evaporation of low molecular mass constituents. The method is therefore primarily intended for testing different batches of the same type of product.

DIN EN ISO 3251 (09/95, page 2)

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