

TYPE

Electroneutral wetting agent and dispersing agent for pigments

Active substance

approx. 58 %

Appearance

low-viscous liquid

PRODUCT DATA

Determined per batch:

Iodine Colour Number DIN 6162

iodine colour number <= 50

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 45 - 48
(1 h; 125 °C; 1 g)

Not continually determined:

Colour / Appearance VLN 250

colour yellow-brown
appearance clear

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,93
approx.
(20 °C)

Flash Point DIN EN ISO 1523

flash point [°C] 51
approx.

SPECIAL PROPERTIES

Additol XL 255N reduces flocculation in the case of all common organic and inorganic pigments used in air drying and stoving paint systems. Due to the effectiveness of Additol XL 255N in wetting and dispersing, not only the colour strength is increased but also the gloss of coatings.

Even in small quantities, Additol XL 255N shortens the grinding time of pigments and prevents settling of pigments and extenders fairly.

SUGGESTED USES

Additol XL 255N can be used in all solvent-borne and solvent-free coating systems.

In coating systems diluted with white spirit, particularly in wood preservative products, and in reactive alkyd/melamine resin stoving paints, the storage stability can be improved by the addition of Additol XL 255N. In two-component polyurethane coatings, no influence is observed on the potlife and drying time.

PROCESSING

The amounts of Additol XL 255N are calculated in pigment and for each type of pigment vary as follows:
0.2 - 2.0 % for inorganic pigments and
1,0 - 5,0 % for organic pigments.

In the case of mixed pigments, the addition of 0.5 - 3 % Additol XL 255N, based on pigment, is recommended. Additol XL 255N should be added to the mill charge in order to obtain optimum effect.

STORAGE

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

DISTINGUISHING FEATURES

Additol XL 255N has a wider range of application than Additol XL 250 since it is more compatible with white spirit dilutable coating systems.

