

This product was previously marketed as **ADDITOL® XL 6590**. All specifications, formulations, and performance characteristics remain unchanged.

TYPE

Dispersing additive with cationic character for solvent free and solvent containing UV/EB systems

FORM OF DELIVERY

Active substance
approx. 65 % in OTA

PRELIMINARY PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TYPICAL PROPERTIES

Determined per batch:

Colour / Appearance VLN 250

colour	yellow
appearance	clear to opaque

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	4000-15000
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Not continually determined:

Amine Value (Reaction Resins) DIN 16945 / 5.6

amine value approx. (form of deliver; propylene carbonate / acetic acid 4:1)	[mg KOH/g]	33
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,1
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Flash Point (CCCFP) ASTM D 6450

flash point approx.	[°C]	>100
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SUGGESTED USES AND PROCESSING

ADDITOL® XL 6590 DISP is a dispersing additive with cationic character for solvent free and solvent containing UV/EB systems. It is a high molecular weight additive with cationic character and deflocculate and stabilize pigments very actively. Due to the high wetting power of ADDITOL® XL 6590 DISP additives, coatings/inks with high gloss and improved colour strength can be achieved. It prevents settling of pigments and offers good levelling.

Dosage (additive as supplied):

5 - 30 % on inorganic pigments
10 - 50 % on organic pigments
50 - 80 % on carbon black

STORAGE CONDITIONS

ADDITOL® XL 6590 DISP additive should not be stored at temperatures above 25 °C.

Upon long term exposure to temperatures below 10 °C, ADDITOL® XL 6590 DISP may get cloudy and may show some crystallization. These effects are reversible and can be eliminated by warming up the product to 20 - 25 °C for several hours. After this treatment the product can be used without any restrictions.

SHELF LIFE

Standard Shelf Life is 365 days from the date of manufacturing. For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

PRELIMINARY PRODUCT INFORMATION

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.