

PRELIMINARY PRODUCT INFORMATION

TYPE

Wetting and dispersing agent for solvent-containing systems

FORM OF DELIVERY (f.o.d.)

Active substance:

approx. 52 % in methoxypropyl acetate / solvent naphtha 150/180

DEVELOPMENT 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.

TENTATIVE PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour		colourless to slightly yellow
appearance		clear

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	20 - 80
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Acid Value DIN EN ISO 2114

acid value (form of delivery)	[mg KOH/g]	40 - 80
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,03
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Flash Point (CCCFP) ASTM D 6450

flash point approx.	[°C]	51
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SPECIAL PROPERTIES AND USE

Suitable for radiation curing systems.

Additol XL 6577 is a low molecular weight additive, which is especially able to deflocculate and stabilize inorganic pigments very actively by electrical charging at the pigment surface and permits very low viscosity millbase formulations.

Due to the high wetting power of Additol XL 6577, coatings/inks with high gloss and improved colour strength can be achieved. It decreases settling of pigments/extenders and offers good levelling. In consequence of its acidic character Additol XL 6577 is also recommended for the use in metallic formulations since it shows very good stabilization of aluminum flakes. It is also qualified for the production of highly concentrated inorganic pigment pastes and matting agent pastes.

Additol XL 6577 should be added in the grinding step.
Quantity to be added: 0.25 - 2.5 % on pigment / extender and matting agent

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

Upon long term exposure to temperatures below 10 °C, Additol XL 6577 may get cloudy and may show some crystallization. These effects are reversible and can be eliminated by warming up the product to 30 - 40 °C for several hours. After this treatment the product can be used without any restrictions.

REMARK:

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.