

PRELIMINARY PRODUCT INFORMATION

TYPE

Wetting and dispersing agent for aqueous resin-free pigment concentrates

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 40 %

DEVELOPMENT PRODUCT

This product, 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		pale yellow
appearance		clear

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	350 - 1500
(25 1/s; 23 °C)		

Iodine Colour Number DIN 6162

iodine colour number		<= 5
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter	[%]	38,5 - 41,5
(1 h; 125 °C; 1 g)		

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density	[g/cm³]	1,04
approx.		
(20 °C)		

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
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SPECIAL PROPERTIES AND USE

Suitable for radiation curing systems.

Additol VXW 6394 is an wetting and dispersing agent based on a high molecular weight block copolymer with pigment affinic groups, especially for the production of resin-free, stable pigment concentrates for aqueous coatings. It prevents flocculation of the pigments and enhance stability of pigment concentrates and colour strength of pigmented systems. It does not contain any organic solvents. The pigment grind should always be done resin-free.

Dosage (additive as supplied):
 20 - 30 % on inorganic pigments
 30 - 75 % on organic pigments
 10 - 12 % on titanium dioxide
 130 - 150 % on carbon black

STORAGE

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

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.