ADDITOL® VXW 6208

Technical Datasheet

TYPE

Polymeric non-ionic dispersing additive

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 50 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219		
dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	1000 - 5000
Non-Volatile Matter DIN 55671		
non-volatile matter (150 °C; 10 min)	[%]	48 - 52
Colour / Appearance VLN 250		
colour		light brown
appearance		clear

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2		
density approx. (20 °C)	[g/cm³]	1,05
Flash Point (Pensky-Martens) DIN EN ISO 2719		
flash point	[°C]	> 100

SPECIAL PROPERTIES AND USE

Suitable for radiation curing systems.

Additol VXW 6208 is a dispersing additive for organic and inorganic pigments and extenders. The binder-free pigment pastes are used in waterborne alkyd- and acrylic paint formulations, e.g. gloss and silk finish emulsion paints.

Additol VXW 6208 permits the production of emission-free paints.

PROCESSING

The optimum quantity of Additol VXW 6208 to be added for the production of pigment- and pigment/extender-pastes must be tested out. One should use such an amount of additive, calculated on pigment or pigment/extender, at which the lowest viscosity of the blend results.

The recommended quantity to be added, is as follows:
3 - 10 % for inorganic pigments and/or extenders
15 - 50 % for organic pigments.

STORAGE

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

Additives containing water may freeze or become inhomogenous at temperatures below 0 °C. Therefore such products ought to be stored frost-free.
Lowest storage temperature: 5 °C

DISTINGUISHING FEATURES

Additol VXW 6208 in comparison with the Additol grades XW 330, VXW 6200 and VXW 6205 is non-ionic. It can be used in all waterborne systems.