

TYPE

Cationic, highly molecular resinlike wetting agent for inorganic and organic pigments

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 30 %

Appearance

medium-viscous liquid

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	100 - 300
--------------------------------------	---------	-----------

Non-Volatile Matter DIN 55671

non-volatile matter (150 °C; 10 min)	[%]	29 - 31
-----------------------------------------	-----	---------

Not continually determined:

Colour / Appearance VLN 250

colour		brown
--------	--	-------

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,07
-------------------------------	---------	------

Flash Point DIN EN ISO 1523

flash point approx.	[°C]	59
------------------------	------	----

SPECIAL PROPERTIES

Improves the wetting of also very difficult dispersable pigments in solvent-containing high-grade automotive series, car repair and industrial paints based on acrylates.

Shortens the dispersing time.

Prevents the reflocculation of the pigments.

Improves gloss and levelling.

SUGGESTED USES

Additol VXL 6212 permits a higher pigmentation of the mill base without interfering viscosity increase and shortens the dispersing time. The ready pigment pastes and paints are distinguished by a high colloidal stability and do not tend to a reflocculation of the pigments.

By using Additol VXL 6212, in solvent-containing acrylate systems, a stabilizing effect on the binder can be observed.

The reactivity in baking paints and polyisocyanate cross-linking acrylic systems is not negatively affected by addition of Additol VXL 6212.

PROCESSING

Additol VXL 6212 must be ground jointly with the pigments.

The recommended quantity to be added, calculated on pigment, is as follows:

for inorganic pigments: 3.0 - 10.0 %

for organic pigment: 10.0 - 50.0 %.

We recommend determining the optimum quantity of Additol VXL 6212 for each pigment or each pigment blend.

Possible foam formation in the mill base may be prevented by an addition of Additol XL 490/50BAC. This additive improves the levelling at the same time.

STORAGE

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

Opened vessels have to be closed immediately.

DISTINGUISHING FEATURES

In comparison to Additol XL 260 Additol VXL 6212 has a much better effectiveness in acrylate systems.