

TYPE

Curing component for cathodic precipitable acrylate binders

FORM OF DELIVERY (f.o.d.)

80 % in methoxypropyl acetate (80MPAC)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (10 1/s; 23 °C)	[mPa.s]	32000 - 45000
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Non-Volatile Matter DIN 55671

non-volatile matter (120 °C; 10 min)	[%]	78 - 82
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Not continually determined:

Colour / Appearance VLN 250

colour		colourless to slightly yellow
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter * (1 h; 125 °C; 1 g)	[%]	76 - 80
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	1,08
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	52
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SPECIAL PROPERTIES AND USE

Additol VXW 6251 serves as cross-linking component for acrylate binders for the production of dark coloured electro dipping paints.

STORAGE

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

DISTINGUISHING FEATURES

In comparison with Additol VXW 6255, Additol VXW 6251 shows a moderate yellowing tendency and higher reactivity. At stoving conditions above 160 °C no catalyst is necessary.

* Note

The non-volatile matter content of a product is not an absolute quantity but depends upon the temperature and period of heating used for the test. Consequently, when using this method, only relative and not true values for non-volatile matter content are obtained owing to solvent retention, thermal decomposition and evaporation of low molecular mass constituents. The method is therefore primarily intended for testing different batches of the same type of product.
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