

TYPE

External cross-linking acrylate binder for application in cathodic electro dipping coating

FORM OF DELIVERY (f.o.d.)

65 % in methoxypropanol (65MP), non-neutralized

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	18000 - 35000
--------------------------------------	---------	---------------

Non-Volatile Matter DIN 55671

non-volatile matter (150 °C; 10 min)	[%]	63 - 67
-----------------------------------------	-----	---------

Not continually determined:

Colour / Appearance VLN 250

colour	yellow-orange
appearance	clear to light cloudy

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	63 - 67
-------------------------------------------	-----	---------

Density (Liquids) DIN EN ISO 2811-2

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

Flash Point DIN EN ISO 1523

flash point approx.	[°C]	33
------------------------	------	----

SPECIAL PROPERTIES AND USE

Viacryl VSC 6250w serves in combination with suitable curing agents (for example Additol VXW 6385) for the production of white or bright coloured electro dipping paints.

By means of suitable catalysis, for example with tin compounds, at baking temperatures of 160 °C, glossy and highly anticorrosive paint films can be manufactured.

Besides the conventional application as binder for pigmented primer or one-layer systems, Viacryl VSC 6250w may also be applied as clear paint for the production of transparent protective coatings on iron and non-iron metals due to its non-yellowing tendency.

STORAGE

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

