

TYPE

Self-crosslinking, thermosetting acrylate binder for application in cathodic electro dipping coating

FORM OF DELIVERY (f.o.d.)

38 % in water (38WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (10 1/s; 23 °C)	[mPa.s]	50 - 500
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pH-Value DIN ISO 976

pH-value (10 %)		3,8 - 5,3
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Non-Volatile Matter DIN 55671

non-volatile matter (120 °C; 10 min)	[%]	37 - 39
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Not continually determined:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	36 - 38
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,05
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Flash Point (Pensky-Martens) DIN EN ISO 2719

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

Viacryl VSC 6292w serves for the production of white or bright coloured cathodic precipitable electro dipping coatings.

For pigmentation with titanium dioxide pigments there is no need of an additional paste resin. Due to high shear stability of Viacryl VSC 6292w a titanium dioxide pigment paste can be produced directly using Viacryl VSC 6292w. For clear or bright coloured coatings a catalysis is necessary in order to avoid slightly yellowing by stoving. The catalyst paste can also be manufactured directly from Viacryl VSC 6292w.

Viacryl VSC 6292w 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 180 days.

The product must not be stored at temperatures < 5 °C as it is not possible to rehomogenize the warmed up material (at ambient temperature).

Lowest storage temperature: 5 °C

DISTINGUISHING FEATURES

Viacryl VSC 6292w differs from Viacryl VSC 6277w in higher flexibility and improved general mechanical properties. Viacryl VSC 6292w has more reactivity and allows baking conditions beginning from 150 °C without catalysis.

