

VIACRYL[®] VSC 6800w/47WA

Technical Datasheet

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TYPE

Waterborne, polyester modified, hydroxy-functional copolymer emulsion

FORM OF DELIVERY (f.o.d.)

47 % in water (47WA)

Neutralization agent

1.5 % N.N-dimethyl ethanolamine, as salt

Appearance

whitish

PRODUCT DATA

Determined per batch:

6.0/18.06.2020 (replaces version 5.0)

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	300 - 2000
pH-Value DIN ISO 976 pH-value (10 %)		8,0 - 9,0
Non-Volatile Matter DIN 55671 non-volatile matter (150 °C; 10 min)	[%]	45,5 - 48,5
Not continually determined:		
Hydroxyl Value DIN 53240 hydroxyl value approx. (solid matter content; potentiometric)	[mg KOH/g]	100
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	45,5 - 48,5
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm³]	1,06
Flash Point (Pensky-Martens) DIN EN ISO 2 flash point	2 719 [°C]	> 100

SPECIAL PROPERTIES AND USE

In combination with reactive melamin resins (e.g. CYMEL 327 Resin or CYMEL 328 Resin) Viacryl VSC 6800w/47WA provides glossy, non-yellowing industrial enamels, when stoved at 130 - 140 °C (20 min.).

STORAGE

At temperatures up to 25 $^{\circ}\mathrm{C}$ storage stability packed in original containers amounts to at least 180 days.

It is important to protect Viacryl VSC 6800w/47WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

DISTINGUISHING FEATURES

In comparison with Viacryl VSC 6276w/44WA coatings based on Viacryl VSC 6800w/47WA are easyer in application and show a more pleasing appearance because of less orange peel. Paint films are a little softer, however.

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