

TYPE

Hydroxy functional acrylic resin, cross-linkable with polyisocyanates

FORM OF DELIVERY (f.o.d.)

50 % in xylene (50X)
(containing also 5 % butyl acetate)

SPECIAL PROPERTIES AND USE

Fast drying two-pack systems with high hardness.
In combination with polyisocyanates for air-drying as well as forced drying two-pack lacquers for industrial applications.

Average hydroxyl content (solid resin)

approx. 2 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 600 - 1200
(25 1/s; 23 °C)

Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value <=70

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 48 - 52
(1 h; 125 °C; 2 g; ethyl acetate)

Hydroxyl Value (cat.) DIN EN ISO 4629

hydroxyl value [mg KOH/g] 60 - 70
(solid matter content)

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,98
approx.
(20 °C)

Flash Point DIN EN ISO 1523

flash point [°C] 26
approx.

DILUTABILITY

white spirit	○	methyl ethyl ketone	●
toluene	●	methyl isobutyl ketone	●
xylene	●	methoxypropyl acetate	●
solvent naphtha 150/180	●	ethyl acetate	●
acetone	●	butyl acetate	●

● = unlimited dilutability
○ = substantial dilutability

⊙ = limited dilutability
○ = very limited or no dilutability

COMPATIBILITY

% Macrynal SM 548	90	75	50	25	10
% other binder	10	25	50	75	90

Alkyd resins

Vialkyd AC 290	●	●	○	○	●
Vialkyd AF 342	●	○	○	○	○
Vialkyd AN 950	○	○	○	○	○

Acrylic resins

Viacryl SC 121	●	○	○	●	●
Viacryl SC 370, Macrynal SM 500, SM 540	●	●	●	●	●
Macrynal SM 510	●	○	○	○	●
Macrynal SM 513, SM 515, SM 516	○	○	●	●	●

Polyisocyanates

Desmodur L	○	●	●	●	●
Desmodur N	●	●	●	●	●
Beckocoat PU 428, PU 432	○	○	●	●	●

Other binders

Beckopox EP 140, Alresat KE 300	●	●	●	●	●
Beckopox EP 301, Hostaflex CM 620	○	○	○	○	○
Hostaflex CM 158	○	○	○	○	●
Vinyl VAGH	○	○	○	●	●
CAB-551-0.2	○	○	○	●	●
CAB-381-0.1	○	○	○	○	○
nitrocellulose 24 E	●	●	●	●	●

● = definite compatibility

○ = very limited or no compatibility

