

MACRYNAL[®] VSM 2155/60EPAC

TYPE

Hydroxy functional acrylic resin; cross-linkable with polyisocyanates for the production of coatings with extraordinary high chemical resistance

Average hydroxyl content (solid resin)

approx. 5.8 %

FORM OF DELIVERY (f.o.d.)

60 % in ethoxypropyl acetate (60EPAC)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 3900 - 4800
(25 1/s; 23 °C)

Hydroxyl Value (cat.) DIN EN ISO 4629
hydroxyl value [mg KOH/g] 180 - 200
(solids)

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 58 - 62
(1 h; 125 °C; 2 g; EAC)

Colour Scale (Hazen) DIN EN ISO 6271-1
Hazen colour value <= 80

Not continually determined:

Colour / Appearance VLN 250
colour cless-lightyell
appearance cl-lightcloudy

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,06
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 47
approx.

SPECIAL PROPERTIES AND USE

Macrynal VSM 2155, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 75 (Bayer), produces two-pack clearcoats and pigmented topcoats with excellent chemical resistance for the industrial lacquer sector. Macrynal VSM 2155 is especially suited for coatings on aeroplanes or military vehicles.

STORAGE

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

A slight turbidity of the resin solution is possible, but does not influence technical properties of the cured films.

DISTINGUISHING FEATURES

Owing to the higher crosslinking density, coatings based on Macrynal VSM 2155 show - compared to Macrynal SM 510 - higher solvent and chemical resistance.

4.0/17.07.2013 (replaces all previous versions)

• Worldwide Contact Info: www.allnex.com •

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