

MACRYNAL[®] VSM 1004/75LGV2

TYPE

Hydroxy functional acrylic resin for crosslinking with polyisocyanates or melamines

Average hydroxyl content (solid resin)

approx. 3.7 %

FORM OF DELIVERY (f.o.d.)

75 % in solvent mixture, variant 2 (75LGV2)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 8000 - 15000
(25 1/s; 23 °C)

Colour Scale (Hazen) DIN EN ISO 6271-1
Hazen colour value <= 20

Hydroxyl Value (cat.) DIN EN ISO 4629
hydroxyl value [mg KOH/g] 118 - 128
(solids)

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 73 - 76
(1 h; 125 °C; 0,5 g; EAC)

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,05
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 18
approx.

SPECIAL PROPERTIES

Macrynal VSM 1004 contains about 13 % methyl acetate to allow formulation of 2.1 lbs/gal VOC coatings (exempt solvents).

SUGGESTED USES

Air drying and force air drying two pack systems intended primarily for use in automotive refinish coatings.

Benefits are:

- economy grade due to low isocyanate demand
- clear coats having 2.1 lbs/gal VOC are possible with exempt solvents
- fast tack-free time with exceptional appearance
- solvent blend (MPAC/EEP/Methyl Acetate), designed for the automotive refinish market
- very low color

DILUTABILITY

Macrynal VSM 1004 has unlimited dilutability with toluene, xylene, acetone, MEK, MIBK, methoxy propyl acetate, ethyl acetate, butyl acetate and blends of these solvents.

STORAGE

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

DISTINGUISHING FEATURES

Macrynal VSM 1004, compared to Macrynal SM 510n and Macrynal SM 516, is supplied at higher solids content and can be formulated at higher solids.

3.0/17.07.2013 (replaces all previous versions)

• Worldwide Contact Info: www.allnex.com •

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