

# MACRYNAL<sup>®</sup> VSM 2705/70LG

**TYPE**

Hydroxyfunctional acrylic resin; cross-linkable with polyisocyanates for the production of high solids lacquers

Average hydroxyl content (solid resin)

approx. 3.5 %

**FORM OF DELIVERY (f.o.d.)**

70 % in solvent mixture (70LG)

**PRODUCT DATA**

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219  
dynamic viscosity [mPa.s] 3000 - 6800  
(25 1/s; 23 °C)

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

Hydroxyl Value (cat.) DIN EN ISO 4629  
hydroxyl value [mg KOH/g] 105 - 125  
(solids)

Non-Volatile Matter DIN EN ISO 3251  
non-volatile matter [%] 68 - 72  
(1 h; 125 °C; 2 g; EAC)

Colour / Appearance VLN 250  
colour  
appearance clear

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2  
density [g/cm<sup>3</sup>] 1,03  
approx.  
(20 °C)

Flash Point DIN EN ISO 1523  
flash point [°C] 36  
approx.

**SPECIAL PROPERTIES AND USE**

Macrynal VSM 2705, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 3390 (Bayer), produces high quality high solids, 2-pack industrial coatings.

Drying at ambient temperature as well as forced drying can be employed. Coatings based on Macrynal VSM 2705 show

- \* high gloss
- \* good mechanical properties
- \* good chemical resistance
- \* ease of application

**STORAGE**

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

**DISTINGUISHING FEATURES**

Compared to Macrynal VSM 2570 coatings based on Macrynal VSM 2705 show higher hardness, higher gloss, better levelling and better solvent resistance.

5.0/17.07.2013 ( replaces all previous versions )

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