

## 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 (25 1/s; 23 °C)	[mPa.s]	3000 - 6800
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#### Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value		<= 80
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#### Hydroxyl Value (cat.) DIN EN ISO 4629

hydroxyl value (solid matter content)	[mg KOH/g]	105 - 125
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#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 2 g; ethyl acetate)	[%]	68 - 72
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#### Colour / Appearance VLN 250

colour appearance		clear
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### Not continually determined:

#### Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,03
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#### Flash Point DIN EN ISO 1523

flash point approx.	[°C]	36
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## SPECIAL PROPERTIES AND USE

Macrynal VSM 2705, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 3390 (Covestro), 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.

