

TYPE

Hydroxy functional acrylic resin, cross-linkable with polyisocyanates for the production of high solids lacquers

FORM OF DELIVERY (f.o.d.)

70 % in butyl acetate (70BAC)

Average hydroxyl content (solid resin)

approx. 4.5 %

OH equivalent weight (f.o.d.)

approx. 560

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	2700 - 5000
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Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value		<= 50
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Hydroxyl Value (cat.) DIN EN ISO 4629

hydroxyl value (solid matter content)	[mg KOH/g]	135 - 155
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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		colourless
appearance		clear

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,07
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	26
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SUGGESTED USES

Macrynal VSM 2868, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 3390 or Desmodur N 3300 (Covestro), produces high quality, high solids, two-pack clearcoats and pigmented topcoats for the automotive refinish and industrial lacquer sectors.

STORAGE

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

DISTINGUISHING FEATURES

Compared to Macrynal SM 515 or Macrynal SM 516, varnishes based on Macrynal VSM 2868 provide a higher solids content.

