

TYPE

Hydroxy functional acrylic resin; crosslinkable with polyisocyanates

Average hydroxyl content (solid resin)

approx. 2.6 %

FORM OF DELIVERY (f.o.d)

65 % in solvent naphtha 150/180 (65SNA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

| | | |
|--------------------------------------|---------|-------------|
| dynamic viscosity (25 1/s; 23 °C) | [mPa.s] | 3500 - 7000 |
|--------------------------------------|---------|-------------|

Colour Scale (Hazen) DIN EN ISO 6271-1

| | | |
|--------------------|--|--------|
| Hazen colour value | | <= 200 |
|--------------------|--|--------|

Hydroxyl Value (cat.) DIN EN ISO 4629

| | | |
|--|------------|---------|
| hydroxyl value (solid matter content) | [mg KOH/g] | 75 - 95 |
|--|------------|---------|

Non-Volatile Matter DIN EN ISO 3251

| | | |
|--|-----|---------|
| non-volatile matter (1 h; 125 °C; 2 g; ethyl acetate) | [%] | 63 - 67 |
|--|-----|---------|

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

| | | |
|-------------------------------|---------|------|
| density approx. (20 °C) | [g/cm³] | 1,00 |
|-------------------------------|---------|------|

Flash Point DIN EN ISO 1523

| | | |
|------------------------|------|----|
| flash point approx. | [°C] | 38 |
|------------------------|------|----|

SUGGESTED USES

Macrynal VSM 2701, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 75 (Covestro), produces fast drying two-pack coatings with long potlife for the industrial lacquer sector.

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 500 coatings based on Macrynal VSM 2701 provide faster drying and better outdoor durability.

