

MACRYNAL[®] VSM 2800/70BAC

TYPE

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

Average hydroxyl content (solid resin)

approx. 4.4 %

FORM OF DELIVERY (f.o.d.)

70 % in butyl acetate (70BAC)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 2000 - 5000
(25 1/s; 23 °C)

Colour Scale (Hazen) DIN EN ISO 6271-1
Hazen colour value <=100

Hydroxyl Value (cat.) DIN EN ISO 4629
hydroxyl value [mg KOH/g] 135 - 155
(solids)

Colour / Appearance VLN 250
colour colourless
appearance clear

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

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,04
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 30
approx.

SPECIAL PROPERTIES AND USE

Macrynal VSM 2800, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 3390 (Bayer), produces high quality, very high solids, 2-pack clearcoats and pigmented topcoats for automotive refinish and industrial lacquers.

Owing to its very high reactivity, Macrynal VSM 2800 is also suitable for the formulation of automotive refinish primer-surfacers.

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 565, Macrynal VSM 2800 provides higher reactivity and, therefore, shorter dry-to-touch time and slightly lower paint solids content.

4.0/17.07.2013 (replaces all previous versions)

• Worldwide Contact Info: www.allnex.com •

Disclaimer: Allnex Group companies ("Allnex") decline any liability with respect to the use made by anyone of the information contained herein. The information contained herein represents Allnex's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, regarding the accuracy, the completeness or relevance of the data set out herein). Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of Allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is adapted for any specific use, performance or result and that product and/or information do not infringe any Allnex and/or third party intellectual property rights. The user should perform its own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights of Allnex and/or third parties remains the sole responsibility of the user.

© 2013 Allnex Belgium SA. All Rights Reserved

Notice: Trademarks indicated with the ®, ™ or * are registered, unregistered or pending trademarks of Allnex Belgium SA or its directly or indirectly affiliated Allnex Group companies.