RESYDROL® EM 2140w/35WA

PRELIMINARY PRODUCT INFORMATION

TYPE

Low temperature drying, cathodic electro deposition binder

FORM OF DELIVERY (f.o.d)

35 % in water (35WA)

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	20 - 300
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	33,5 - 36,5

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2 density (20 °C)	[g/cm³]	1,04 - 1,06
Flash Point (CCCFP) ASTM D 6450 flash point	[°C]	> 95

SPECIAL PROPERTIES AND USE

Resydrol EM 2140w/35WA is a low temperature drying CED binder for industrial primer applications.
Low temperature drying means from room temperature up to 90 °C. For further use and deposition it has to be diluted with deionized water to 12 % - 18 % solids. Preferred deposition temperature is 35 °C, on zinc phosphated steel.
The achieved film thickness is 7 - 15 µm, depending on the deposition time, temperature and the nature of the substrate.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 180 days.

The product must not be stored at temperatures < 5 °C, due to high viscosity at lower temperatures.

Lowest storage temperature: 5 °C

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.

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