

PRELIMINARY PRODUCT INFORMATION

TYPE

Grinding resin for 2-component cathodic ED-paints

FORM OF DELIVERY (f.o.d.)

55 % in butylglycol (55BG)

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 (25 1/s; 23 °C)	[mPa.s]	4000 - 10000
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	53 - 57
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	1,00
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	55
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SPECIAL PROPERTIES AND USE

Resydrol EM 6642w/55BG as a grinding resin allows the production of highly pigmented stable pastes. For preparation of the pigment pastes, the resin has to be neutralised and diluted with water. Best neutralisation acids are formic and lactic acid.

Pigment pastes based on Resydrol EM 6642w/55BG in combination with cathodic dispersions give ED-paints with excellent stability and throwing power. Excellent levelling and corrosion resistance are obtained.

STORAGE

At temperatures up to 30 °C storage stability packed in original containers amounts to at least 180 days.

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.