

PRELIMINARY PRODUCT INFORMATION

TYPE

Self-crosslinking, bismuth catalized, thermosetting CED binder

FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)
1,0 % Bismuth metal on solid

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]	< 150
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MEQ DIN EN ISO 15880

MEQ (point of reference: solids (1h/125°C); milliequivalent acid; ethylene glycol monobutyl ether; potassium hydroxide)	[mmol]	32 - 40
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pH-Value DIN ISO 976

pH-value (12 %)		4,6 - 5,2
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	33,5 - 37,5
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density (20 °C)	[g/cm³]	1,04 - 1,08
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Flash Point (CCCFP) ASTM D 6450

flash point	[°C]	> 95
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SPECIAL PROPERTIES AND USE

Resydrol EZ 6645WCAT/35WA is used for the formulation of CED-coatings for industrial applications. Depending on the coatings formulation, film thickness can be adjusted between 5 and 15 µm. For the formulation, pigment pastes based on cationic grinding resins are necessary.

STORAGE

At temperatures from 5 °C to 30 °C storage stability packed in original containers amounts to at least 180 days.

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.