

TYPE

Self-crosslinking, thermosetting CED binder

FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)

PRODUCT DATA

Determined per batch:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	33,5 - 36,5
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Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (100 1/s; 23 °C)	[mPa.s]	20 - 1000
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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]	30,0 - 38,0
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density (20 °C)	[g/cm³]	1,02 - 1,06
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Flash Point (CCCFP) ASTM D 6450

flash point	[°C]	> 94
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SPECIAL PROPERTIES AND USE

Resydrol EZ 6635w/35WA is used for the formulation of CED - coatings for industrial applications. Depending on the coatings formulation, film thickness can be adjusted between 20 and 45 µm. For the formulation, pigment pastes based on cationic grinding resins and catalysis are necessary. Useful grinding resins are Additol XW 6504 or similar cationic grades. As catalysts for the curing, formulation based on DBTO, DOTO or Bi - compounds can be used (approx. 1 % metal / 100 solids resin).

STORAGE

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

The product must not be stored at temperatures < 5 °C as it is not possible to rehomogenize the warmed up material (at ambient temperature).

Lowest storage temperature: 5 °C

