

### PRELIMINARY PRODUCT INFORMATION

#### TYPE

Acrylic modified, oil-free, saturated polyester resin in aqueous emulsion

#### FORM OF DELIVERY (f.o.d.)

35 % in water (35WA)  
(containing also 5.2 % methoxy propoxy propanol)

### 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.

#### Neutralization agent

3.3 % N.N-dimethylethanolamine, as salt

### TENTATIVE PRODUCT DATA

#### Determined per batch:

##### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (10 1/s; 23 °C)	[mPa.s]	300 - 2500
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##### pH-Value DIN ISO 976

pH-value adjustment of pH value with N.N-dimethylethanolamine (10 %)		7,5 - 9,2
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##### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	34 - 36
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#### Not continually determined:

##### Colour / Appearance VLN 250

colour		pale yellow
appearance		opaque

##### Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	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 AY 6838w is well suited for the production of high-quality stoving finishes if combined with reactive, water compatible amino resins like e.g. Cymel 303 LF.

Cured films stand out because of the following characteristics:

- high hardness together with excellent mechanical properties
- very good solvent and water resistance
- excellent adhesion to ferrous and non-ferrous metals
- extremely low thermo-yellowing.

#### STORAGE

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

Synthetic resins containing water may freeze or get inhomogeneous at temperatures below 0 °C. By this the product will not suffer any damage, but the necessary regeneration requires extended heat treatment at 40 - 50 °C with continuous stirring. It is therefore recommended to ensure frostproof storage of such products.

**Lowest storage temperature: - 3 °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.