

Technical Leaflet

WorléeSol 85 A

Art.-No. 111050-00667

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W'Sol 85 A is an especially modified water thinnable alkyd resin for stoving systems.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3682	43% ± 1
Oil content	approx. 30%
Oil type	special fatty acids
Neutralizer	dimethyl ethanol amine 1.5-2.0%
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s ⁻¹	6,000 - 20,000 mPa·s
pH-value, DIN ISO 976	6.7 - 8.5
Appearance	clear - slight opaque
Colour, Gardner, DIN ISO 4630	max. 10
Co-Solvent	5.5%
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.06 g/cm ³
Delivery form	43% in water / butyl glycol

Application and Properties:

W'Sol 85 A is especially suitable for the manufacture of water thinnable stoving systems like primers, automotive fillers, clear and top coats. The delivery form, only 5.5% cosolvent, allows formulations with a total solvent content of < 5%. As reactive partners for the curing range 140-180 °C methylated melamine resin like Cymel 303 (Cyanamid) and Maprenal MF 904 (BASF) have proved to be suitable. For the low curing range 120 - 140 °C we recommend to use also reactive melamine resins like Cymel 327 (Cyanamid), Residrol WM 501 (Hoechst) or similar.

Recommended Storage and Transport Conditions:

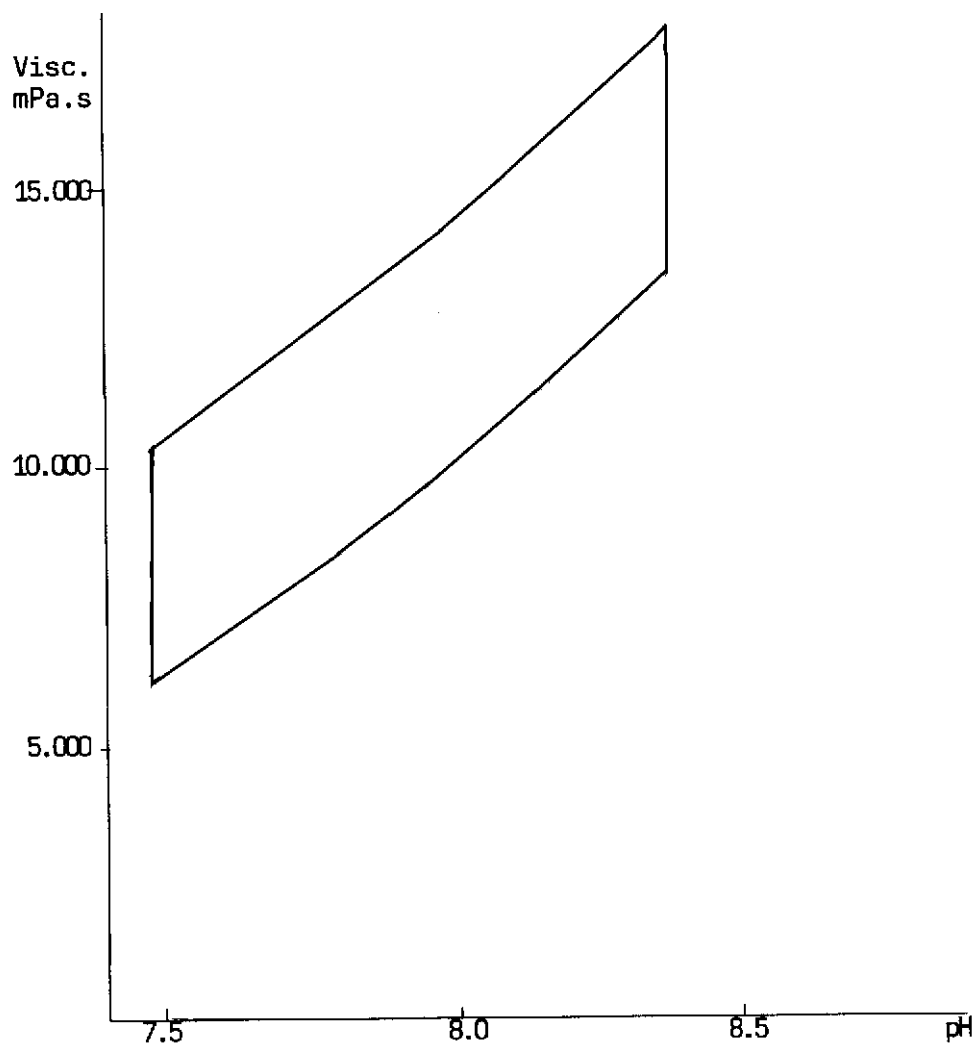
2 to 25 °C

Protect from freeze and avoid direct sunlight. Product contains water and storage under 0° C may cause inhomogeneity. In this case, warm up slowly at room temperature if necessary with the help of a slow stirrer.

It is recommendable to adjust the finished product to pH-value of about 8.0-8.5. With this an optimal storage stability will be possible.

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Viscosity dependent on pH-value