

## Technical Leaflet

# WorléeCryl 8721

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Cationic acrylic resin solution.

### Technical Data:

Non volatile content DIN EN ISO 3251, 1h, 125 °C, part 1	30% ± 1
pH-value, DIN ISO 976	5.5 ± 0.3
Density, DIN EN ISO 2811-1	approx. 1.05 g/cm <sup>3</sup>
Viscosity 25 °C, Brookfield, spindle 4/ 30 rpm, DIN EN ISO 2555	200 - 800 mPa·s
Freeze-/thaw stability	5 cycles
<b>Delivery form</b>	30% in water

### Properties and Applications:

W'Cryl 8721 is suitable for use as a grinding vehicle for organic and inorganic pigments. Pigment concentrates can be letdown with this solution to produce printing inks and coatings. A clear coating of overlay varnish may be formulated as well.

Inks and overlays for soap boxes and household paper towels will not be effected by the high pH value of the content or detergent cleaner used with the towels.

Their positive charge allows inks and coatings to have exceptionally good adhesion to plastic foils (e.g. Polystyrene) and aluminium foils.

### Outstanding Characteristics:

Low molecular weight  
Exceptionally good adhesion to plastic foils.

### Special instruction:

Always adjust the pH-value of inks and coatings in order to stabilise the viscosity during the storage time to 5.5 - 6,0, using formic - or acidic acid. Do not use either resin with alkaline systems or anionic additives. Raising the pH will coagulate the resin.

The storage stability in the originally closed barrel is at a storage temperature from + 5 to + 25 °C six months, counted from the day of the delivery ex works.