Technical Data Sheet

WorléeCryl 8721

cationic acrylic resin for printing inks and overprint varnishes

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Technical Data:

	Value	Method*
Appearance	clear to opaque, yellowish liquid	
Non-volatile content	29 - 31%	1h/125 °C, DIN EN ISO 3251
Viscosity, Brookfield	200 - 800 mPa·s	25 °C, spindle 4, 30 rpm, DIN EN ISO 2555
pH-value	5.2 - 5.8	DIN ISO 976
Delivery form	approx. 30% in water	

*according to the respective DIN-Norm

Application and Properties:

WorléeCryl 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. Clear coatings and overlay varnish may be formulated as well.

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

Printing inks and coatings have exceptionally good adhesion to plastic foils (e.g. Polystyrene) and aluminium foils.

Special Notes:

Always adjust the pH-value of printing inks and coatings in order to stabilize 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.

Shelf Life and recommended Conditions for Storage and Transport:

The storage stability of WorléeCryl 8721 in the originally closed container is six months at a storage temperature between +5 and +25 °C, counted from the day of the delivery ex works.

Protect from frost. Store in a cool, dry place and keep containers tightly closed.

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