

Technical Leaflet

WorléeCryl 8043

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Aqueous acrylic polymer solution, free of emulsifier neutralized with monoethanolamine.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251, part 1	40% ± 1
pH - value DIN ISO 976	8 - 9
Density 20 °C, DIN EN ISO 2811-1	approx. 1.01 g/cm ³
Viscosity, 20 °C, Brookfield, spindle 4 / 12 rpm, spindle 4 / 30 rpm, DIN EN ISO 2555	3,000 - 4,000 mPa·s
Tg (calculated)	48 °C
Freeze-/thaw stability	5 cycles
Acid value (mg KOH/g polymer), DIN EN ISO 3682	78
Delivery form	40% in water / isopropanol = 2 : 1

Outstanding Characteristics:

Excellent pigment wetting and grinding properties.

Excellent colour strength.

Good compatibility with most letdown resins.

Promotes adhesion to wide range of substrates.

Enhances flexibility of ink and coating films.

Water resistant after drying.

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Properties and Application:

W`Cryl 8043 is an ideal grinding vehicle for highly filled pigment concentrates with excellent colour strength and gloss development. A wide range of flexographic and gravure printing inks are obtained with this product.

Due to its excellent pigment wetting properties W`Cryl 8043 provides gloss and colour intensity normally reached just with solvent systems.

The delayed release of monoethanolamine improves press cleanup.

W`Cryl 8043 shows excellent compatibility with W`Cryl aqueous binding agents and most alkali soluble natural and synthetic resins.

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.