



Technical Leaflet

WorléeCryl A 2130

Art.-No. 112001-05656

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WorléeCryl A 2130 is an acrylic resin which can be cross-linked with polyisocyanate.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Acid value, on solids, DIN EN ISO 3682	3 - 6
Colour, Gardner, DIN ISO 4630	approx. 1
Viscosity, Rheometer, 20 °C, C 35/1°, 100 s ⁻¹	3,500 - 7,000 mPa·s
Hydroxyl number, on solids, DIN EN ISO 4629	approx. 99
Hydroxyl content, on solids	3.0%
Flash point, DIN EN ISO 2719	25 °C
Glass transition temperature	57 °C
Delivery form	60% in xylene / aromat. HC 155-180 / butyl acetate 2 : 1 : 1

Application and Properties:

WorléeCryl A 2130 is combined with aliphatic polyisocanates in air and forced drying 2 component paints for industrial application with good mechanical properties as well as chemical and weather resistance. Main applications are 2 component primers, top coats and one coat systems with brilliant gloss and high body.

Compatibility:

Tolonate HDB*	+
Tolonate HDT LV*	+
Desmodur L	+
Vestanat T 1890 E	+
Solubility:	

Benzines	-
Aromatics	+
Esters	+
Ketones	+

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification"). Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and

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WorléeCryl A 2130

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Glycol esters	+
Alcohols	-

Cross-linking / Catalysing:

For 100% transfer for 100 g WorléeCryl A 2130 is needed:

27.3 g Tolonate HDB* 19.4 g Tolonate HDT LV* 32.1 g Desmodur L 75 37.1 g Vestanat T 1890 E

The necessary equivalent quantity of polyisocyanates can be calculated according to the following formula:

Polyisocyanate quantity = $\frac{42 \times \% \text{ OH}}{17 \times \% \text{ NCO}} \times 100$

(42 = molecular weight of NCO-group) (17 = molecular weight of OH-group)

The hardening of WorléeCryl A 2130 can be accelerated by addition of DBTL, zinc octoate and diethanolamin. Please note the shorter pot life.

Pigmentation:

WorléeCryl A 2130 is pigmentable with all neutral non aqueous pigments and fillers.

Shelf Life:

The storage stability of WorléeCryl A 2130 in the originally closed barrel is at a storage temperature from +5 to +25 °C twelve months, counted from the day of the delivery ex works.

*Tolonate is a product of Vencorex. Distribution for Denmark, Finland, Sweden and Norway as well as for Austria, Switzerland and Germany by Worlée-Chemie GmbH.