



Technical Leaflet

WorléeKyd B 4901

Art.-No. 111010-06016

Revision: 28.06.2022

WorléeKyd B 4901 is a medium-oil, fast drying alkyd resin. The main application is for air and forced drying industrial, vehicle and machine paints, as well as for dearomatized do-it-yourself and radiator enamels.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	50% ± 1
Content of phthalic anhydride	approx. 24%
Oil type	cotton oil
Oil content	approx. 49%
Acid value, on solids, DIN EN ISO 2114	max. 12
Colour, Gardner, delivery form, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 250 s ⁻¹	3,000 - 6,500 mPa·s
Delivery form	50% in dearomat. HC 160-200

Application and Properties:

WorléeKyd B 4901 is a modern, all-round useable medium-oil alkyd resin. Because of its good properties WorléeKyd B 4901 is used for dearomatised and low odour industrial-, radiator-, dip- and flow coating enamels and for vehicle paints.

Compatibility:

WorléeKyd B 4901 is compatible with nearly all medium and long-oil, air-drying alkyd resins, as well as with maleic resins and phenolic resin modified hard resins.

Solubility:

WorléeKyd B 4901 is soluble in all usual solvents.

Drying:

Following driers are recommended for WorléeKyd B 4901:

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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Cobalt-containing:

a)

6.50 - 7.00 Nuodex Combi APB (Venator) (calculated on 100% alkyd resin)

b) 0.04 - 0.07% Co 0.10 - 0.30% Ca 0.05 - 0.10% Zr (metal calculated on solid alkyd resin)

Cobalt-free:

a) for radiator enamels 0.10 - 0.20% Ba metal 1.00 - 1.50% Ca metal (calculated on 100% alkyd resin)

b)1% Nuodex Drycoat (Venator)(on solid binder)

and in addition: 0.10 - 0.20% Ca 0.10 - 0.15% Zr (metal on solid binder)

Shelf Life:

The storage stability of WorléeKyd B 4901 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.

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