

Technical Leaflet

WorléeKyd S 549

Art.-No. 111010-00875

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WorléeKyd S 549 is a low viscous, medium oil, fast drying alkyd resin for the universal use in air and forced drying industrial, vehicle and machine paints, furthermore for fast drying do-it-yourself and radiator paints.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	55% ± 1
Oil type	special fatty acids
Oil content	approx. 50%
Acid value, on solids, DIN EN ISO 2114	max. 15
Colour, Gardner, 40% in white spirit 145-195, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 100 s ⁻¹	11,000 - 17,000 mPa·s
Hydroxyl number, on solids, DIN EN ISO 4629-2	approx. 50
Delivery form	55% in white spirit 145-195

Application and Properties:

WorléeKyd S 549 is a medium fatty alkyd resin for universal use. Due to the good properties like fast drying, gloss retention and good weather resistance, with WorléeKyd S 549 high quality industrial, vehicle, car body, dipping and flow coat paints as well as do-it-yourself and radiator paints can be produced.

Sustainability

The bio-based amount is approx 46% on the binder solids content.

Compatibility:

WorléeKyd S 549 is compatible with most medium and long oil air drying alkyd resins.

Drying:

Following driers are recommended for WorléeKyd S 549:



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a)

0.05 - 0.08% Co

0.08 - 0.12% Zr

0.10 - 0.30% Ca

metal content calculated on 100% alkyd resin

b)

6.0 - 7.0% Nuodex Combi APB (Venator)

drying solution calculated on 100% alkyd resin

Shelf Life:

The storage stability of WorléeKyd S 549 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.