

## Technical Leaflet

# WorléeKyd P 151

Art.-No. 111020-00427

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WorléeKyd P 151 is a very low viscosity, long oil alkyd resin, based on special fatty acids, mainly for the manufacture of high concentrated pigment preparations.

### Technical Data:

Content of phthalic anhydride	approx. 22%
Oil content	approx. 64%
Oil type	special fatty acids
Colour, 80%, in ws 145-195 Gardner, DIN ISO 4630	max. 10
Acid value, DIN EN ISO 3682	max. 10
Flow time, 20 °C, 80% in ws 145-195, DIN 53211-4	130 - 190 s
Hydoxyl value, DIN EN ISO 4629	approx. 60
Non volatile content, 1 h, 125 °C DIN EN ISO 3251	> 98%
<b>Delivery form</b>	approx. 100%

### Compatibility:

WorléeKyd P 151 is compatible with all types of alkyd resins and physical drying binders.

### Solubility:

WorléeKyd P 151 is soluble in all normally used solvents.

### Application and properties:

WorléeKyd P 151 shows outstanding compatibility properties with a large number of binders. Due to the very low viscosity and the very good wetting properties high concentrated pigment pastes can be manufactured. The very good wetting properties of fine particle size, transparent iron oxide pigments has to be stressed. Pastes based on WorléeKyd P 151 can be used universally which has also the effect of rationalization in the paint production.

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**Drying:**

The following addition of driers is recommended for WorléeKyd P 151:

0.03 - 0.06 Co % metal

0.15 - 0.30 Ca % metal

0.04 - 0.08 Zr % metal

calculated on 100% alkyd resin

**Shelf Life:**

The storage stability of WorléeKyd P 151 in the originally closed barrel is at a storage temperature from + 5 to + 25 °C 18 months, counted from the day of the delivery ex works.