

Technical Leaflet

WorléeKyd V 162

Art.-No. 111010-00798

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WorléeKyd V 162 is a medium oil length, fast drying alkyd resin for the universal use in air and forced drying industrial, vehicle, machinery and radiator paints.

Technical Data:

Oil content	approx. 41%
Oil type	special fatty acids
Content of phthalic anhydride	approx. 28%
Non-volatile content, 1h/125 °C, DIN EN ISO 3251	55% ± 1
Colour, Gardner, delivery form DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 2114	max. 20
Viscosity, Rheometer, 20° C, C35/1° 250 s ⁻¹	3,000 - 7,500 mPa·s
Delivery form	55% in white spirit 145 - 195 / xylene 27:18

Application and Properties:

WorléeKyd V 162 is mainly used as the binder for fast drying industrial paints. Forced drying up to 80 °C with and without addition of a high reactive melamine resin is also possible. Because of the relatively good yellowing resistance also the manufacture of radiator paints is possible.

Sustainability

The proportion of renewable raw materials is about 38%, calculated on solids.

Compatibility:

WorléeKyd V 162 is compatible with many short and medium oil alkyd resins.

Solubility:

WorléeKyd V 162 is soluble in all usual paint solvents, only in alcohols it is insoluble.

WorléeKyd V 162

2

Driers:

The following driers are recommended for WorléeKyd V 162:

0.03 - 0.06% Co

0.05 - 0.09% Zr

0.10 - 0.20% Ca

(metal content on 100% alkyd resin).

Shelf Life:

The storage stability of WorléeKyd V 162 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.