Technical Leaflet

WorléeKyd SM 426

Art.-No. 111000-00696 Revision: 04.07.2022

WorléeKyd SM 426 is a short oil, very fast drying alkyd resin based on vegetable fatty acids for the manufacture of air drying and stoving primers and top coats.

Technical Data:

Oil content	approx. 26%
Content of phthalic anhydride	approx. 40%
Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Colour, Gardner, 50% in xylene, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 2114	max. 15
Flow time, 20 °C, 50% in xylene, DIN EN ISO 2431	90 - 110 s
Delivery form	60% in xylene

Compatibility:

WorléeKyd SM 426 is compatible with most short oil and some medium oil length alkyd resins. WorléeKyd SM 426 is also compatible with the most usual butylated and iso butylated urea and melamine resins as well as with resin esters, maleic resins and modified phenolic resins.

Solubility:

WorléeKyd SM 426 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers.

Application and Properties:

WorléeKyd SM 426 is a general purpose alkyd resin with very good drying properties for primers and top coats. In combination with reactive urea resins in the ratio of 7:3 to 6:4, or melamine resins in the ratio of approx. 8:2, very fast curing stoving paints for curing conditions 100 - 130 °C can be formulated.

Driers:

Following driers are recommended for WorléeKyd SM 426

0.1 - 0.2% Ca metal
0.03 - 0.06% Co metal
calculated on 100% alkyd resin

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Shelf Life:

The storage stability of WorléeKyd SM 426 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.

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