



Technical Leaflet

WorléeKyd B 845

Art.-No. 111010-00810

Revision: 11.07.2022

WorléeKyd B 845 is a medium oil, very fast drying alkyd resin based on cotton seed and soya oils, for the production of high quality air and heat drying industrial enamels and car repair enamels. Furthermore for fast drying enamels for tractors and agricultural equipment.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	70% ± 1
Oil content	approx. 45%
Content of phthalic anhydride	approx. 25%
Acid value, on solids, DIN EN ISO 2114	max. 15
Colour, Gardner, delivery form, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 100 s ^{.1}	5.500-8.000 mPa·s
Delivery form	70% in xylene

Compatibility:

W'Kyd B 845 is compatible with short and medium oil alkyd resins. With long oil alkyds, B 845 is partly compatible. The addition of a maleic resin can improve the compatibility with long oil alkyds. W'Kyd B 845 is compatible with the usual maleic and phenolic modified resins.

Solubility:

W'Kyd B 845 is soluble in all solvents with the exception of low alcohols.

Application and Properties:

W'Kyd B 845 is a modern, multi-purpose medium oil length alkyd resin. Due to the very good properties, W'Kyd B 845 is used as a binder for high quality industrial enamels, radiator, dipping and flow coating paints and enamels for trucks, touring cars, omnibuses, tractors and agricultural equipment.

W'Kyd B 845 can also be used for nitro cellulose combinations and for air- and heat drying primers with very good elasticity.

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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Driers:

Following driers are recommended for W'Kyd B 845

0.04 - 0.06% Co 0.05 - 0.09% Zr 0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)

<u>or</u>

5.00 - 6.50% Nuodex Combi APB (Venator) of drier solution on solid alkyd resin.

Shelf Life:

The storage stability of WorléeKyd B 845 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.