

Technical Leaflet

WorléeKyd B 845

Art.-No. 111010-00821

Revision: 25.08.06

W´Kyd 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:

Oil content	approx. 45%
Content of phthalic anhydride	approx. 25%
Non volatile content, 1h/125 °C, DIN EN ISO 3251	55% ± 1
Colour, Gardner, 40% in ws 145 - 195, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 3682	max. 15
Flow time, 20 °C, 40% in ws 145 - 195, DIN 53211-4	80 - 100 s
Delivery form	55% in white spirit 145 - 195

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 common solvents.

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.

WorléeKyd B 845

2

Driers:

The following addition of driers is recommended for W´Kyd B 845

0.04 - 0.06% Co metal

0.05 - 0.09% Zr metal

0.10 - 0.20% Ca metal

metal on 100% alkyd resin

or 5.00 - 6.50% Nuodex Combi APB (Rockwood) of drier solution on 100% alkyd resin.