

Technical Leaflet

WorléeKyd L 138

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WorléeKyd L 138 is a short oil phenolic modified alkyd resin, based on a linseed oil/wood oil blend.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Content of phthalic anhydride	approx.30%
Content of linseed oil / wood oil	approx. 38%
Content of phenolic modified resin	approx. 10%
Colour, 50% in xylene, Gardner, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 3682	max. 15
Flow time, 20 °C, 50% in xylene, DIN 53211-4	250 - 300 s
Delivery form	60% in xylene

Application and Properties:

WorléeKyd L 138 is particularly suitable for the manufacture of air-drying and stoving primers, under coats, surfacers and fillers which combine very fast surface and through-drying properties.

To reduce the viscosity and improve viscosity stability in heavily filled systems, a small addition of an alcohol, e.g. butanol is recommended.

WorléeKyd L 138 improves the adhesion, hardness and sanding properties of nitrocellulose based under coats and fillers. Stoving primers and surfacers may also be made from combinations with smaller amounts of unplasticized urea formaldehyde or melamine formaldehyde resins.

Compatibility:

WorléeKyd L 138 is compatible with most short oil alkyds and with some medium oil length alkyds and nitro cellulose.

WorléeKyd L 138

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Solubility:

WorléeKyd L 138 is well soluble in aromatics, esters, ketones and glycol ether esters.

Drying:

The following addition of driers is recommended:

0.04 - 0.06% Co metal

0.10 - 0.20% Ca metal

calculated on 100% alkyd resin.

Shelf Life:

The storage stability of WorléeKyd L 138 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.