

Product code: 402610

DOMALKYD 0547 42 Wa

Urethane Modified Alkyd Resin

**Specification:**

Property	Range	Method / According to standard
Non-volatile matter	40 - 44%	MH1155 / ISO 3251
Acid value on solid resin	15 - 20 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	max. 10.000 mPa·s	MH1007 / ISO 3219
pH	7.5 - 8.5	MH1040 / ISO 976

Typical properties:

Property	Value
Density	1.0 kg/L
Oil content	Approx. 30 %
Bio-based content on solid	60%
Total renewable content on delivery form	80%

Remarks:

The bio-based content is 35% of the dry matter by the Carbon-14 method and an additional 25% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.

Applications:

- » Used for anticorrosion primers and high gloss pigmented topcoats.
- » Coatings with good gloss stability in very low VOC can be formulated.
- » Domalkyd 0547 42 Wa contains no emulsifiers and may be thinned with water at all ratios.
- » Coating systems based on Domalkyd 0547 42 Wa exhibit very rapid physical drying. However, use of water-based dryer is advisable.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

Note: The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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