

Product code: 481200

DOMALKYD 0503 80 Wa

Water Reducible Alkyd Solution



Specification:

Property	Range	Method / According to standard
Non-volatile matter	78 - 82%	MH1155 / ISO 3251
Acid value on solid resin	40 - 50	MH1051 / ISO 2114
Viscosity, 23 °C	5000 - 35000 mPa·s	MH1007 / ISO 3219
pH (original sample)	6.5 - 8	MH1040 / ISO 976

Typical properties:

Property	Value
Appearance	Clear to slightly cloudy
Density	1.1 kg/L
Flash point	>100 °C
Hydroxyl content on solid	6.5%
Oil content	33%
Bio-based content on solid	60%
Total renewable content on delivery form	62%

Remarks:

- » The bio-based content is 28% of the dry matter by the Carbon-14 method and an additional 32% via a biomass balance (BMB) approach as certified by the ISCC PLUS. The certificate can be issued upon request.
- » Domalkyd 0503 80 Wa contains no organic solvent.
- » Freezing will damage the product irreversibly.
- » Storage for longer periods of time and/or at higher temperatures may result in a decrease of viscosity and/or sedimentation or coagulation.

Applications:

- » Domalkyd 0503 80 Wa is used for high bodied stoving systems in one-coat and decorative finishes.
- » For film formation Domalkyd 0503 80 Wa must be crosslinked with amino resins suitable for aqueous systems.
- » The cured films have good gloss and body. Excellent pigment wetting and application properties.

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 12 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.

Edition: January 2024

Helios TBLUS, d.o.o. | Količevo 65, 1230 Domžale, Slovenia | T +386 1 722 40 00
info@resinshelios.com | www.resinshelios.com
Part of KANSAI PAINT.