

Product code: 477016

DOMALKYD 5435 60 SA/X

Alkyd Resin Modified with Synthetic Acids

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	MH1155 / ISO 3251
Acid value on solid resin	max. 15 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	110 - 140 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2500 - 3500 mPa·s	MH1007 / ISO 3219
Colour	max. 4 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Aromatic solvent 100 / Xylene = 9 / 1
Oil content	43%

Solubility:

- » Soluble in aromatic and chlorinated hydrocarbons, esters, ketones and glycol ethers.
- » Insoluble in aliphatic hydrocarbons.

Compatibility:

- » Compatible with most short and medium oil alkyd resins, melamine and urea resins, nitrocellulose, polyisocyanate resins etc.

Applications:

- » Domalkyd 5435 60 SA/X is used in combination with reactive DCO alkyd resins and highly reactive melamine resins in industrial and automotive stoving finishes (100 - 150 °C).
- » It is suitable for preparation of universal pigment pastes for nitrocellulose and stoving automotive finishes.
- » It can be used for high glossy 2K PUR lacquers for wood as well.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 12 months. Exposure to direct sunlight should be avoided.

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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