

ATRETHIX 1/60 K6

Thixotropic Alkyd Resin Modified with Soybean and Tall oil

Specification:

Property	Range	Method / According to standard
Non-volatile matter	59 - 61%	AA KH 10-055-1
Acid value on solid resin	max. 6 mg KOH/g	AA KH 10-051-0
Colour (Lovibond)	max. 12	AA KH 10-053-0

Typical properties:

Property	Value
Oil content	75% (calculated as triglyceride)
Density (25 °C)	0.92 kg/L
Flash point	>60 °C

Dilutability:

- » Completely dilutable in aliphatic naphtha and in white spirit.
- » With Butanol and Ethyl glycol the thixotropic effect disappears.
- » Xylene and Butyl acetate leads to a decrease of thixotropy.

Compatibility:

Compatible with most long and medium oil alkyds, also with linseed oil and low viscous stand oils.

Characteristics and Use:

- » Very good stability against inhomogeneity and syneresis, even at low solid contents.
- » The flexibility is maintained for a long time at outdoor exposure.
- » As drier are recommended: 0.06% Co, 0.2% Zr, 0.1% Ca (calculated as metal on resin solid).
- » ATRETHIX 1/60 D6 version is available upon request.

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 20 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

TECHNICAL DATASHEET

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