

ATRETHIX HS 10/70 D6

Thixotropic Alkyd Resin Modified with Soybean and Tall oil

Specification:

Property	Range	Method / According to standard
Non-volatile matter	69 - 71%	AA KH 10-055-1
Acid value on solid resin	max. 8 mg KOH/g	AA KH 10-051-0
Colour (Lovibond)	max. 15	AA KH 10-053-0

Typical properties:

Property	Value
Oil content	63% (calculated as triglyceride)
Density (25 °C)	0.99 kg/L
Flash point	66 °C

Dilutability:

- » White spirit, Dilutable with Aliphatic Naphtha and White spirit
- » Xylene and acetates like butyl acetate decreases thixotropy.
- » With butanol and ethyl glycol disappear the thixotropic effect.

Compatibility:

Compatible with most long and medium oil alkyds.

Characteristics and Use:

- » High gel-strength, but it is easily to handle under shear.
- » Very good stability against inhomogeneity and syneresis.
- » The flexibility is maintained for a long time at outdoor exposure.
- » For HS paints it is recommended to combine it with flat HS alkyds like Atresal HS 350/90 D4.
- » As drier are recommended: 0.06% Co, 0.2% Zr, 0.1% Ca (calculated as metal on resin solid).
- » Higher amounts of calcium drier as well as polar pigments or high pigment volume concentration could reduce the thixotropy.

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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