

## ATRELUX UV6154/54 BA

### Polyester Acrylic Resin

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	52 - 56%	AA KH 10-055-1
Viscosity, 20 °C	25 - 40 dPa·s	AA HL 10-07-1
Acid value on solid resin	max. 5 mg KOH/g	AA KH 10-051-0
Colour (Lovibond)	max. 3	AA KH 10-053-0

#### Typical properties:

Property	Value
Appearance	Clear to slightly pink
Density	1.042 kg/L
Hydroxyl content on solid	4.5%

#### Remarks:

Polymer in solution that is cross-linkable with radiation.

#### Applications:

- » Due to its primary and secondary hydroxy-groups Atrelux UV6154/54 BA can be cross-linked with isocyanates, such as Desmodur N 75.
- » The combination of both hardening processes - cross-linking with isocyanates and UV-curing - is possible.
- » Used for the coating of wood and metal.
- » After physical drying the film is tack-free and can be cross-linked by electronique beams.

#### 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.

Only light/UV-impermeable containers are suitable for transport, while storage in iron containers and the accumulation of electrostatic charges should be avoided.

#### 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](http://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

Copyright © Helios Resins & Atcoat | [www.resinshelios.com](http://www.resinshelios.com) | [www.atcoat.com](http://www.atcoat.com)

Issue Date: February 2025

Page: 1/1