

## ATRELUX UV1500

### Polyester Acrylic Resin

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	97 - 100%	AA KH 10-055-1
Viscosity, Noury-Lande, 20 °C	40 - 60 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
Density	1.158 kg/L
Functionality	2 (UV)

#### Remarks:

Atrelox UV100 is a nearly colourless resin with very good reactivity that flows at room temperature.

#### Compatibility:

Compatible with Atrelux UV3800 and Atrelux UV6154/54 BA.

#### Applications:

- » Polyester-acrylate resin for the formulation of UV and electron-beam curing paints and lacquers.
- » It forms elastic and scratch-resistant films with excellent adhesion on plastic supports such as PVC, ABS, PET, PC, as well as wood and paper.
- » Due to its elasticity and the very good pigment wetting the product is especially suitable for the production of colourless and pigmented printing inks on plastics, paper, and wood.
- » The films are chemicals resistant.

#### 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 3 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

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