

ISOJET DLV

Multipurpose anti-migrating agent for digital printing on textiles – low viscosity / high solids.

Nature	Acrylic copolymer solution in water
Appearance	Viscous, nearly colorless liquid
Ionic nature	Anionic
pH	5,0-7,0
Stability to pH	Stable between pH 3 and pH 12
Solubility in water	Complete
Storage stability	12 months. Store between 5 and 30°C
Stability of solutions	Ready-to-use padding bath must be used within 48 hours

Product description



ISOJET DLV is an easy-to-use anti-migrating agent for preparation of textiles before ink-jet printing. Recommended for padding pre-treatment before digital printing with reactive, disperse, acid inks. Product can be completely removed during usual post-printing treatments, and thanks to its low viscosity, it is easy-to-use.

ISOJET DLV regulates the diffusion of inks into the textile fiber, regulates penetration and minimizes surface migration of dyes thus enhancing the following performances:

- Definition and sharpness of designs,
- Improvement of levelness and brilliancy of colours across the whole printed surface,
- Improvement of dyes fixation and fastness.

Additional features:

- Easy wash-off at the end of the process (no influence on the natural hand feel of fabrics),
- Easy-to-use by simple addition to pretreatment padding bath,
- Minimal film or residual formation on equipment,
- Viscosity immediately developed (no need of relax after stirring), and stability of the prepared baths,
- Good compatibility with anionic and non-ionic chemicals.

ISONIK® PRE & POST



Instructions

Bath preparation

ISOJET DLV is added into pretreatment bath by slow stirring in cold or warm water, prior to or after the addition of other components. Use of soft water is highly recommended.

Please contact the Isocarbo technical service for recommendation on the correct bath recipe for your specific articles, in respect of the desired penetration and effect.

Application

ISOJET DLV is applied by padding with an average pick-up of 70-90%, accordingly to fabric and in relation to the desired penetration, sharpness, and color yield.

Storage

ISOJET DLV is stable for 12 months in its original unopened containers, stored between 5 and 30°C. Avoid exposition to direct sunlight and frost conditions.

DISCLAIMER

The information included in this document are based on the actual experience and knowledge and they are not intended to be exhaustive. This product is for professional use only. Any product usage other than those specifically recommended with no further confirmation by Isocarbo is at one's own risk. Isocarbo guarantees that all given instructions about ISOJET DLV re correct. Isocarbo has no control over either the quality or the conditions of the substrate or factors that may affect ISOJET DLV. performance. Isocarbo Srl strongly recommends that extensive preliminary tests are performed, in order to evaluate any unexpected product behavior. Unless otherwise approved in writing, Isocarbo shall not be liable for any different performance, loss or damage due to unaccepted use of ISOJET DLV. Isocarbo ensures its commitment to ongoing product development and improvement; hence the content of this technical sheet is susceptible to changes.