iris

Enjoy the most responsible colours

iris is a more environmentally friendly reactive dyeing process: a sustainable solution for dyeing cellulose fibres and their mixtures.

CIRCULAR ECONOMY SOLUTIONS FOR TEXTILE INDUSTRY

















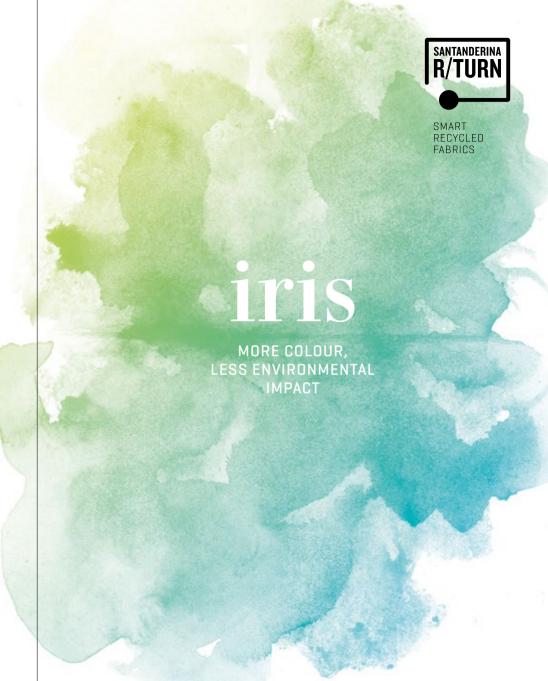












iris

Efficiency and ecology

The **iris** dyeing process is carried out at low temperature, taking less time and consuming less water and energy. That means minimising carbon dioxide emissions into the atmosphere.

The colorants used in the **iris** dyeing process meet ISO 14001 quality standards and are guaranteed by GOTS (Global Organic Textile Standard) and REACH (regulations for improving protection for humans and the environment in relation to chemical substances) certification.

The reactive colorants used (Avitera® SE) are also free of arylamines. European health standards specify that textile colorants cannot use amine concentrations above 30 ppm. In the case of **iris**, this percentage is 0.









Reduces water consumption by up to 50%



Reduces energy by up to 50%



Reduces CO₂ emissions by up to 50%



Reduces salt consumption by 20%



Reduces wastewater treatment



More eco-responsible production. Reduces cycle time by 25%



Dyes that meet REACH criteria



Free of PCA and arylamines

High colour-fixing

versatility
iris makes it possible

Quality and

iris makes it possible to achieve strong, bright colours with excellent technical performance.

High levels of solidity in light and on washing

reproducibility

All shades can be achieved including bright ones

The quality of the fabric is preserved

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