

Soleil 1000



Outdoor

colours & yarns for weaving

SOLEIL 1000 is a hi-tech product line specifically designed for the outdoor, in particular for the garden furniture market.

Starting from a techno-polymer of polyester, Sinterama has developed a wide range of products and colours which satisfy the European and non European outdoor market requirements, in respect of most international legislations.

Compared to traditional acrylic yarns, 100% solution dyed **SOLEIL 1000** yarns present the following advantages:

- better processing characteristics compared to spun yarns;
- a different production technologies offer (false twisted texturing, air texturing);
- a wide productive flexibility (possibility to match any colour, reduced volumes during development);
- better mechanical characteristics (tenacity, elongation, breaking strength);
- a lower environmental impact (polyester is ecological!)

Always paying attention to trends and design, Sinterama proposes a range of yarns with volume effects (yarns with slubs and/or neps) and colour effects (mélange and multicolour yarns).

Fabrics made with Sinterama **SOLEIL 1000** yarns attract less dust and soil, are more easily washable and it is easier to remove stains from them. They absorb less water and they are more elastic and more resistant to rubbing and abrasion.

To provide an answer to all the different needs of the outdoor world, **SOLEIL 1000** is available in two versions:

- False twist textured
- Air textured with a range of counts from 167 to 9000 dtex and a very wide and customizable range of colours.

MAIN NORMS FOR THE OUTDOOR SECTOR

COLOUR FASTNESS TO LIGHT

Norm: UNI EN ISO 105/B02 (Europe)

AATCC 16 (USA)

Evaluation: 1 (very bad) --> 8 (excellent)

COLOUR FASTNESS TO SEA WATER

Norm: AATCC 106/97

Evaluation: 1 (very bad) --> 5 (excellent)

COLOUR FASTNESS TO BAD WEATHER CONDITIONS

Norm: UNI EN ISO 105/B04 (Europe)

AATCC 169 (USA)

Evaluation: tenacity and elongation values to be checked.

TEST RESULTS ON SOLEIL 1000

COLOUR FASTNESS TO LIGHT

Norm: UNI EN ISO 105/B02

Exposition: 1000 hours

Evaluation: more than or equal to 7 for all colours.

COLOUR FASTNESS TO SEA WATER

Norm: AATCC 106/97

Exposition: 500 hours

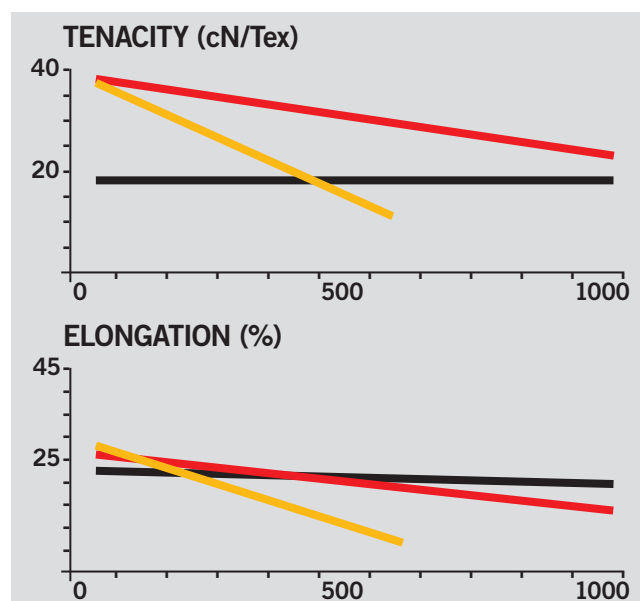
Evaluation: 5 for all colours

COLOUR FASTNESS TO BAD WEATHER CONDITIONS

Norm: [UNI EN ISO 105/B04](#)

Exposition: 1000 hours

Evaluation: please see the values into the following tables:



TIME (hours of exposition)

- Traditional PES
- Solution dyed acrylic
- Solution dyed PES SOLEIL 1000

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