TWD Fibres

SPINNING THE FUTURE
A stabiliser embedded in the polymer during production of the yarn protects the fabrics against UV rays. The lifespan of these textiles is more than double that of polyester that has not been stabilised.

**DIOLEN®-UV-RESISTANT**

**INCREASES THE LIFESPAN OF OUTDOOR TEXTILES**

DIOLEN®-UV-RESISTANT is a UV-stabilised polyester filament yarn that has very good dyeing properties and is easy to process. It can be package dyed in any colour and small lots, unlike dope dyed acrylic yarns. DIOLEN®-UV-RESISTANT is machine washable and its integrated UV protection is permanent. Fabrics made of DIOLEN®-UV-RESISTANT are thinner and lighter than acrylic fabrics of the same strength and therefore ideal for outdoor applications.

**PROPERTIES**

- Stabiliser permanently embedded in the polyester
- Does not wash out
- Extended lifespan

**AREAS OF APPLICATION**

- Outdoor textiles such as vertical blinds
- Awnings
- Sun protection
- Tents
- Tarpaulins
- Upholstery fabric for outdoor furniture

**SPECIFICATIONS**

DIOLEN®-UV-RESISTANT (polyester) is available in various yarn counts as bright, round, raw white and package dyed.

**CERTIFICATIONS**

**PRODUCTS:**
- OEKO-TEX STANDARD 100

**COMPANY:**
- ISO 50001 : 2011
- ISO 9001 : 2008
- ISO 14001 : 2004 + Cor 1 : 2009

TWD Fibres GmbH · Kunertstraße 1 · 94469 Deggendorf · Germany
Phone + 49 (0)9901 79-0 · Fax + 49 (o)9901 79-224 · E-mail info@twd-fibres.de

www.twd-fibres.de

VT – 77