

# PRÜFSTELLE TEXTIL



SÄCHSISCHES  
TEXTIL  
FORSCHUNGS  
INSTITUT e.V.

Durch die Deutsche Akkreditierungsstelle GmbH nach DIN EN ISO / IEC 17025 akkreditiertes Prüflaboratorium. Die Akkreditierung gilt für die in der Urkundenanlage aufgeführten Prüfverfahren.



DAKKS  
Deutsche  
Akkreditierungsstelle  
D-PL-11239-01-00

Durch die Zentralstelle der Länder für Sicherheitstechnik (ZLS) akkreditierte Prüfstelle für Produkte im Sinne der EG-Richtlinie für Persönliche Schutzausrüstungen 89/686/EWG und des §9 Abs. 2 Gerätesicherheitsgesetz



Von der Federation Internationale de L'Automobile (FIA) Paris zugelassene Stelle zur Prüfung von hitze- und flammresistenter Schutzkleidung für Auto-Rennfahrer gemäß Standard FIA 8856-2000

## UNTERSUCHUNGSBERICHT | TESTREPORT

**Order No. STFI:** 2013 2165 (T870/13)  
**Order No. applicant:** without

**Date of Test Report:** 2013-10-16  
**Responsible person:** Hierhammer

**Applicant:** GREENMAX  
Mr. Marco Brouwers  
Postbus 43  
5473 Heeswijk-Dinther  
Niederlande

### Testing application:

**Of:** 2013-09-30  
**Order receipt on:** 2013-09-30  
**Sample receipt on:** 2013-09-30

**Test sample:**

Marking by applicant:

Coding for testing:

RootControl Wurzelschutz

sample 01

The sampling happened by the applicant. The test department is not informed about the sampling procedure.

**Testing methods:**

- (01) DIN EN ISO 9864: 2005-05  
Geosynthetics - Test method for the determination of mass per unit area of geotextiles and geotextile-related products
- (02) DIN EN ISO 12236: 2006-11  
Geosynthetics - Static puncture test (CBR test)
- (03) DIN EN ISO 10319: 2008-10  
Geotextiles - Wide-width tensile test
- (04) ASTM D 4533:2011  
Standard test Method for Trapezoid Tearing Strength of Geotextiles

**Test results:**

## Sample 01

Pos.	Test method	Mean value	Standard deviation
(01)	Mass per unit area [g/m <sup>2</sup> ]	365,35	23,09
(02)	Push-through force [kN] Push-through displacement [mm]	3,49 45,1	0,30 1,01
(03)	Tensile strength [kN/m], md Tensile strength elongation [%], md  Tensile strength [kN/m], cmd Tens. strength elongation [%], cmd	25,0 35,7  20,2 55,0	3,70 1,84  1,10 5,53
(04)	Tearing Strength [N], md Tearing Strength [N], cmd	257,69 319,53	36,70 54,47

The test results refer to the delivered samples. The results are mean values. Statistical surveys and single values are available in the laboratory. It isn't allowed to copy the test report in parts. The testing period is defined as timeframe between receipt of samples and issue date of test report.

Unless otherwise agreed, all materials we received within this order will be kept for a maximum time of 6 months. Materials which are not stored because of technical or safety reasons are excluded from that.

A handwritten signature in blue ink, appearing to read 'M. Mägel'.

Dr. Matthias Mägel  
Head of the Accredited Test Laboratory

A handwritten signature in blue ink, appearing to read 'M. Hierhammer'.

Dipl.-Ing. Marian Hierhammer  
Special field responsibility