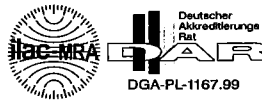


# PRÜFSTELLE TEXTIL

Durch die DGA Deutsche Gesellschaft für Akkreditierung mbH - vertreten im Deutschen Akkreditierungsrat - akkreditiertes Prüflaboratorium. Die Akkreditierung gilt für die in der Urkunde aufgeführten Prüfverfahren.



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:** 2011 2005.5E (T 879-11)  
**Order No. applicant:** without  
**Date of Test Report:** 2011-11-14  
**Responsible person:** Hierhammer

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

### Testing application:

**Of:** 2011-09-21  
**Order receipt on:** 2011-09-22  
**Sample receipt on:** 2011-10-06



SÄCHSISCHES  
TEXTIL  
FORSCHUNGS  
INSTITUT e.V.

**Test sample:**

Marking by applicant:

Coding for testing:

RootBlock 1 mm Flex

Probe 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 4533:2004 (2009)  
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> ]	1179,27	10,03
(02)	Push-through force [kN] Push-through displacement [mm]	3,17 99,1	0,14 8,62
(03)	Tensile strength [kN/m], md Tensile strength elongation [%], md  Tensile strength [kN/m], cmd Tens. strength elongation [%], cmd	20,25 16,21  20,74 14,81	0,21 0,43  0,20 0,12
(04) <sup>1</sup>	Tearing Strength [N], md Tearing Strength [N], cmd	764,25 618,53	23,46 18,16

<sup>1</sup> No. of test specimens = 5.



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.

A handwritten signature in black ink, appearing to read 'M. Mägel', is positioned above the printed name of Dr. Matthias Mägel.

Dr. Matthias Mägel  
Head of the Accredited Test Laboratory



A handwritten signature in black ink, appearing to read 'M. Hierhammer', is positioned above the printed name of Dipl.-Ing. Maria Hierhammer.

Dipl.-Ing. Maria Hierhammer  
Special field responsibility