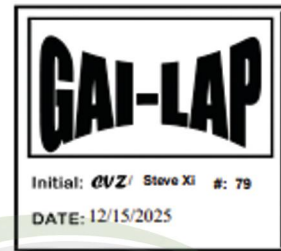


Dec 15th, 2025

Yan Tao

Geoleed Engineering Materials Co., Ltd 泰安瑞丰工程材料有限公司
Workshop 1, New Material R&D and Production Project, No. 3777,
Longteng Road, Beijipo Sub-District Office, Gaoxin District
Taian, Shandong Province, China



Re: FINAL LABORATORY TEST REPORT 最终实验室检测报告

Dear Mr. Yan:

Thank you for consulting TRI Suzhou for your material testing needs.

感谢选用 TRI 苏州实验室为您检测材料

Enclosed is the **final** laboratory report for the Conformance testing of one (1) Biaxial Geogrid sample.

附上一份 1 个双向格栅样品的最终符合性实验室检测报告

PROJECT NAME 项目名称: Geogrid Testing

DATE REPORTED 报告日期: Dec 15th, 2025

REFERENCE TRI JOB NO. 涉及工作编号: SCH25409

DATE RECEIVED 接收日期: Dec 4th, 2025

SAMPLE(S) SENT BY 送样人: Geoleed Engineering Materials Co., Ltd

SAMPLE IDENTIFICATIONS 样品信息:

SAMPLE ID 样品 ID

50/50 kN

TRI CONTROL NUMBER 受控编号

14713

TESTS REQUIRED / PERFORMED 检测需求/检毕:

TEST METHOD 检测方法

1. ASTM D6637

DESCRIPTION 描述

Multiple Rib Tensile Property

TEST RESULTS 检测结果: The test results are summarized in the attached Table(s) 1. 检测结果参见附表 1.

Note: The general conditioning and testing of material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e. 21 ± 2°C and 65 ± 5RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

注: 本报告中所提及的材料样本的一般性处理和测试均在实验室环境条件下进行, 即温度 21 ± 2°C, 相对湿度 65 ± 5%。否则, 实际环境条件会在相应的测试方法报告中予以说明。

Respectfully, 此致

TRI Geosynthetic Testing and Services (Suzhou) Co., Ltd.



Steve Xi
Quality Assurance



Chad Blackwell
General Manager

Signatures are on file

It shall be noted that the sample/s tested is/are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from the client or any pertinent entity duly authorized by the respective client. It is our policy to keep physical records of each job for five (5) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. **Retained conformance samples are disposed of after one (1) month.** On the other hand, should you need us to keep them at a longer period, please advise us in writing.

需说明的是, 所述样品会被认为是根据设计所生产材料的真实代表。另外, 所附实验室检测结果仅表明所检测样品质量。此次合适的检测方法的采用是根据目前通用行业实际情况。TRI 既不对样品接受负责也不对材料的最终使用目的及用途发表声明。检测数据及相关项目信息为商业秘密, 不得复制, 非经客户书面同意或授权同意不得外泄给其他机构。我司自接收样品日起保存纸质记录 5 年, 保存相应电子记录 7 年。样品留存 1 个月后备弃。如需保存更长时间, 请以书面方式提前通知

2 Pages Total (including this sheet)



TABLE 1.

MATERIAL PROPERTIES

材料属性

CLIENT 客户: Geoleed Engineering Materials Co., Ltd

PROJECT 项目: Geogrid Testing

QC'd By 质量担当:



TRI Job No. 工作编号: SCH25409

TRI Control No. 受控编号: 14713

Date Received 接收日期: 2025.12.03
 Date Reported 报告日期: 2025.12.15
 Client Sample ID 样品信息: 50150 KN
 Material Description 材料描述: Geogrid

SPECIMENS

METHOD	DESCRIPTION 方法描述	1	2	3	4	5	6	7	8	9	10	Avg. 平均值	Std. Dev. 标准偏差	Min 最小值	Max 最大值
ASTM D6637**	Tensile Properties 拉伸性能														
Method B 方法B	MD Number of Ribs per Specimen 样本肋条数: 3														
	TD Number of Ribs per Specimen 样本肋条数: 3														
	MD Number of ribs per meter 每米肋条数: 26.5														
	TD Number of ribs per meter 每米肋条数: 29.7														
	Ultimate Strength 最大强度 (kN/m)	MD 53.0	50.3	50.8	54.7	52.3	52.9	50.3	51.3	56.0		52.2	1.8	50.3	54.7
	Strength @ 2% Strain 2% 延伸强度 (kN/m)	MD 23.9	23.4	23.7	24.1	23.4	17.1	18.0	16.8	18.3	21.3	23.7	0.3	23.4	24.1
	Strength @ 5% Strain 5% 延伸强度 (kN/m)	MD 39.3	38.0	38.9	39.8	37.8	37.5	37.1	37.0	37.9	39.7	38.8	0.9	37.8	39.8
	Elongation at Ultimate Load 最大点延伸率 (%)	MD 13.4	12.6	12.0	13.3	14.8	9.37	8.99	8.86	8.76	10.8	13.2	1.0	12.0	14.8
		TD 9.37	8.99	8.86	8.76	10.8						9.35	0.82	8.76	10.8

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report, and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

LEGENDS:
 MD - MACHINE DIRECTION
 TD - TRANSVERSE DIRECTION