



Test Report

No.: GZHL2309031611SP

Date: Oct 31, 2023

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GRAVGEAR PTE LTD
1 TAMPINES NORTH DRIVE 1, #06-08 T-SPACE, SINGAPORE 528559

Sample Description : GRAV GYMNASTIC RINGS
Item No. : GRAV GYMNASTIC RINGS
SKU No. : GR-32 / GR-3201
Buyer : GRAVGEAR PTE LTD
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Sep 12, 2023
Test Performing Date : Sep 12, 2023 to Oct 25, 2023
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Arthur Mak
Authorized Signatory



Scan to see the report
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Test Conducted: As per client's requirement

Test item		Test Requirement	Result
Static Tension for the Ring	In-house method	When properly secured, incrementally load the rings with weight up to the point of product failure or breakage. The intent of this test is to establish the ultimate load capacity of the ring	Maximum record: 621.9kg
Static Tension for the Strap	In-house method	When properly secured, incrementally load the strap with weight up to the point of product failure or breakage. The intent of this test is to establish the ultimate load capacity of the strap	Maximum record: 996.0kg
Locking strength of buckles	In-house method	When properly engaged, subject the buckle to an incremental load until the point where the product fails or breaks. The purpose of this test is to determine the ultimate load capacity of the buckle.	Maximum record: 878.5kg
Integrated Loading Test	In-house method	Once the product is securely installed following the instructions provided, gradually increase the load on the product until it breaks or gets damaged. The purpose of this test is to determine the maximum load capacity of the product.	Maximum record: 393.1kg

Sample Photo(s):



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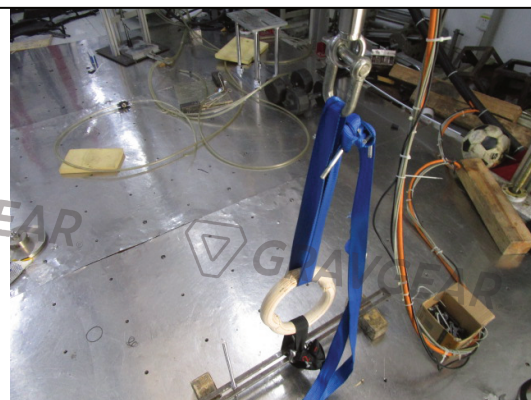
Sample as Received



Sample as Received



Sample before test
(Static Tension for the Ring)



Sample during test
(Static Tension for the Ring)



Sample after test
(Static Tension for the Ring)



Sample before test
(Static Tension for the Strap)



Sample during test
(Static Tension for the Strap)



Sample after test
(Static Tension for the Strap)



Sample before test
(Locking strength of buckles)



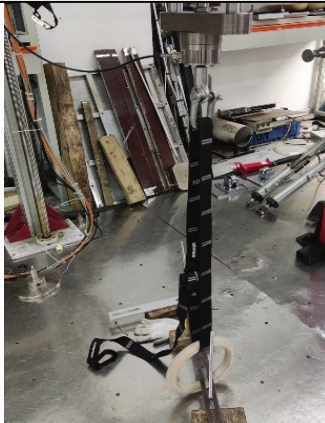
Sample during test
(Locking strength of buckles)



Sample after test
(Locking strength of buckles)



Sample before test
(Integrated Loading Test)



Sample during test
(Integrated Loading Test)



Sample after test
(Integrated Loading Test)

End of Report



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