

## TEST REPORT

22-0405IT

Issued on December 16<sup>th</sup> 2022

CLIENT

NURTEKS HALI SAN. TIC. AS.

PRODUCT NAME

IRON GRASS

TOTAL CYCLES

80000 CYCLES

### Laboratory tests

#### Labosport Italia S.r.l

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## TEST LIST AND TESTING CONDITIONS

### FIFA Test Method 15 – Procedure for the determination of wear on artificial turf (Lisport XL)

Conditioning of the sample non required.

Test performed at a temperature of  $23\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ .

## IMPORTANT INFORMATION

Reproduction of this test report is only authorized in its entirety.

The results are intended to be valid only for the surfaces tested as received.

The laboratory declines all responsibility for all information provided by the customer.

## SUBJECT

Determination of wear on artificial turf provided by the customer as an indicator in the section “Test list and testing conditions”.

## REFERENCE DOCUMENTS

FIFA Quality Programme for Football Turf - Handbook of Test Methods V3.1 - October 2015 Edition

FIFA Test Method 15 – Procedure for the determination of wear on artificial turf (Lisport XL)

## STORAGE TIMES

Documents are stored for 4 years and samples 1 month from the issue of the Test report.

## SAMPLING

The sampling is carried out by the customer.

## LOCATION OF PERFORMANCE OF THE TESTS

The tests are carried out at Labosport Italia Srl premises.

## APPLICANT

Company	<b>NURTEKS HALI SAN. TIC. AS.</b>
Address	Yesilkoy Mahallesi, Ataturk Caddesi EGS Business Park No:12 B2 Blok Kat: D:179-182 Bakırköy Istanbul

Country	Turkey
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## ACQUISITION DATA

Order received on	June 16 <sup>th</sup> 2022
First sample received on	June 17 <sup>th</sup> 2022
Last sample received on	June 17 <sup>th</sup> 2022
Beginning of tests	July 01 <sup>st</sup> 2022
Ending of tests	November 17 <sup>th</sup> 2022

## GENERAL DESCRIPTION OF THE METHOD

The test specimen has been fixed to the floor to ensure that there is no movement during the wear simulation, was filled with  $8\text{ kg/m}^2$  of sand and  $15\text{ kg/m}^2$  of black SBR and abraded for 80000 cycles by Lisport XL.

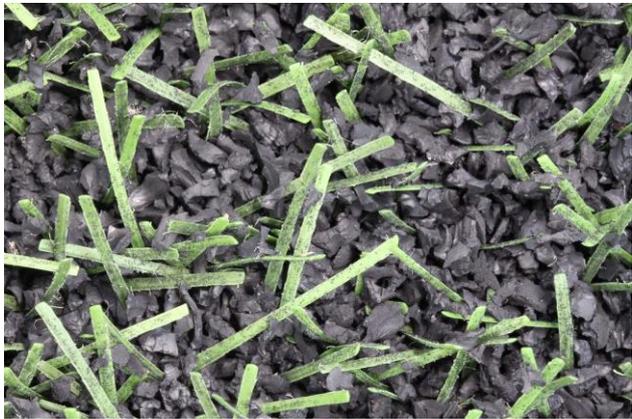
Every 1000 cycles the machine was stopped, re-fill any dislodged infill and the sample was lightly brushed. Take photographs of the fiber every 5000 cycles.

*TEST RESULTS (PICTURES)*

*IMAGES AT 0 CYCLES*



*IMAGES AT 5000 CYCLES*



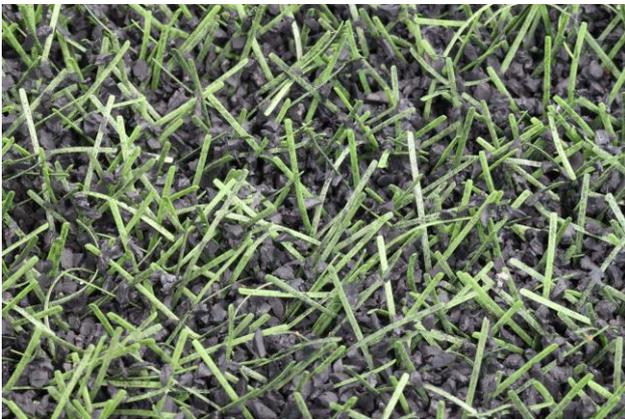
*IMAGES AT 10000 CYCLES*



*IMAGES AT 15000 CYCLES*



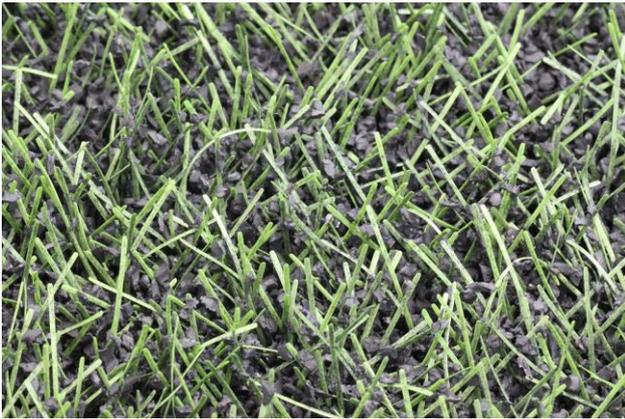
*IMAGES AT 20000 CYCLES*



*IMAGES AT 25000 CYCLES*



*IMAGES AT 30000 CYCLES*



*IMAGES AT 35000 CYCLES*



*IMAGES AT 40000 CYCLES*



*IMAGES AT 45000 CYCLES*



*IMAGES AT 50000 CYCLES*



*IMAGES AT 55000 CYCLES*



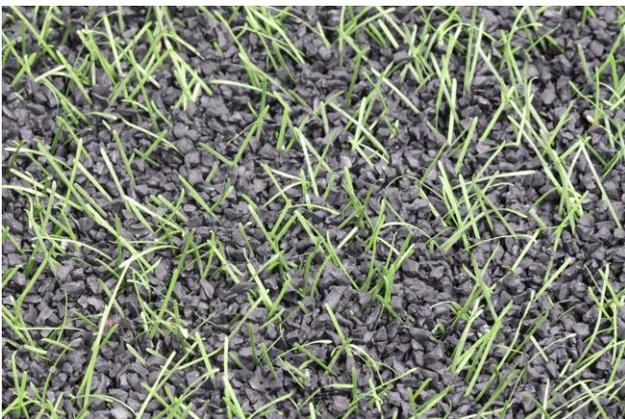
*IMAGES AT 60000 CYCLES*



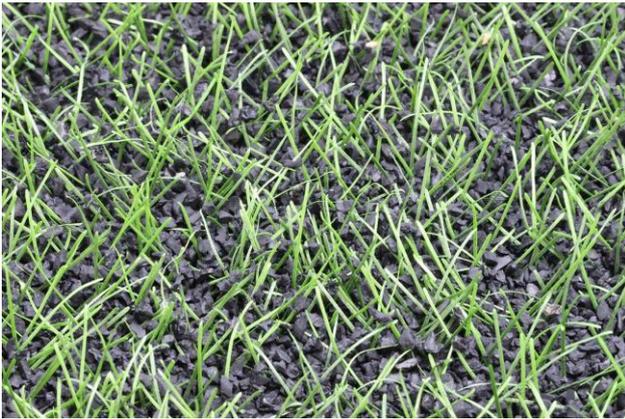
*IMAGES AT 65000 CYCLES*



*IMAGES AT 70000 CYCLES*



*IMAGES AT 75000 CYCLES*



*IMAGES AT 80000 CYCLES*



*COMPARISON 0 CYCLES – 80000 CYCLES*



*0 cycles*



*80000 cycles*

## STRUMENTS USED

FIFA Test Method 15 – Procedure for the determination of wear on artificial turf (Lisport XL)

Equipment	Manufacturer	Model	Technical sheet
Lisport XL	Labosport International	Lisport XI	STR321

## ADDITIONS, DEVIATIONS OR EXCLUSIONS FROM THE TEST METHOD

None.

## COMMENTS RELATED TO TESTS

None.

## ADDITIONAL INFORMATIONS

None.



Laboratory Director  
Roberto Armeni



----- End of the Test Report -----