TEST REPORT

Laboratory tests on an infill material for synthetic turf system

Tests performed according to EN 933-1, EN 1097-3 and EN 15330-5 standards

Report Number	**R21413CAN-A1**
Product	**TTII PROMAX 37 TPE** Target Technologies International
Client	**John B. Giraud,** Target Technologies International Inc. 8535 Eastlake Drive, Burnaby BC V5A 4T7
Date	**December 09th, 2021**

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INFORMATION

Product description	**Performance infill material for synthetic turf system**			
Product name	**TTII PROMAX 37 TPE**			
Product type	**Extruded TPE granules**			
Sample number	**CAN002491**			
Date of reception	**October 2017**			
Date of tests	**November 2021**			
Temperature	**MIN**	**22°C**	**MAX**	**24°C**
Humidity	**MIN**	**49 %**	**MAX**	**51 %**

General View

Microscopic View

TEST PROTOCOL

Friability of an infill measure its resistance to mechanical wear by usage, which conduct changes of its particles size distribution. The greater variation in particles size distribution, the greater the friability.

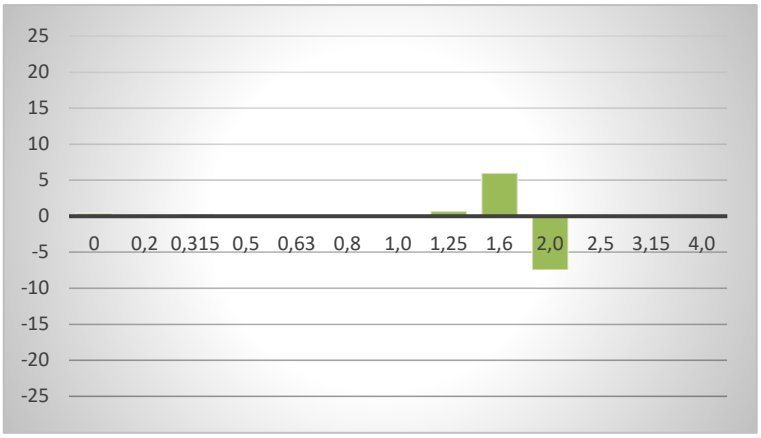
This test method consists in the evaluation of a product friability by comparison of its particles size distribution before and after being processed through 20,000 cycles of Labosport Roller Infill equipment for simulated wear of performance infill.

RESULTS

Property	Test method	Condition		Variation
		New	*After wearing**	
Particle size	**EN 933-1**	**1.6 – 2.5 mm** *(8 – 12 mesh)*	**1.6 – 2.5 mm** *(8 – 12 mesh)*	**8 %****
Bulk density	**EN 1097-3**	**0.79 g/cm³** *(49.3 lb/ft³)*	**0.80 g/cm³** *(49.9 lb/ft³)*	**4 %**

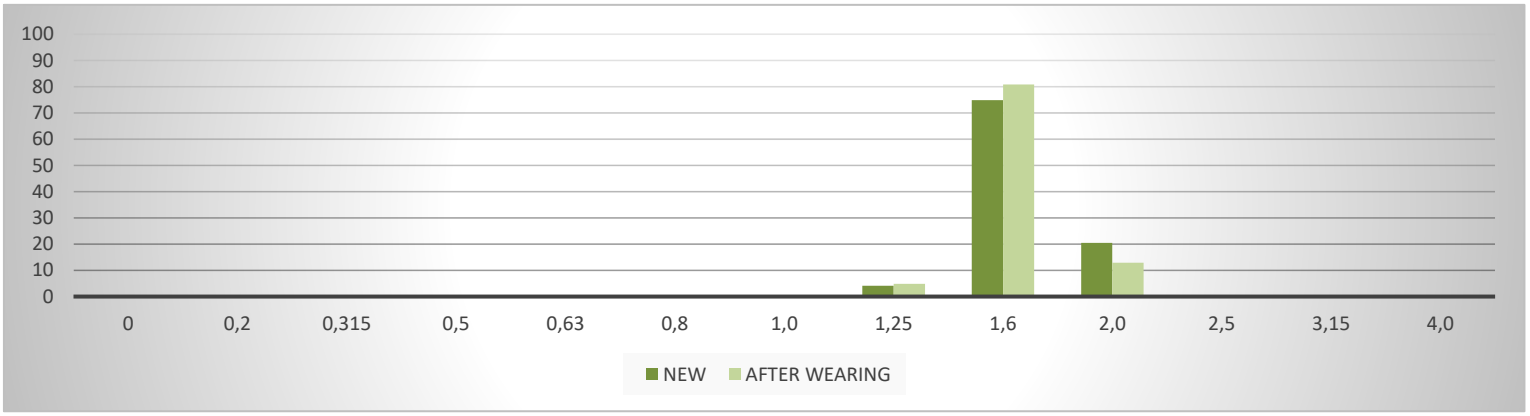
**After Labosport Roller Infill simulated wear following EN 15330-5-annex C test method*

***Sum of percentage losses of retained weights on largest sieves which have migrated towards the smaller sieves*



Variation (% retained per sieve)

New ***After wearing***



Particle size distribution

REPORTED BY

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