

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-C1

Product TTII PLAYSAFE 65 COLOR-COATED EPDM
Target Technologies International

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Date December 09th, 2021

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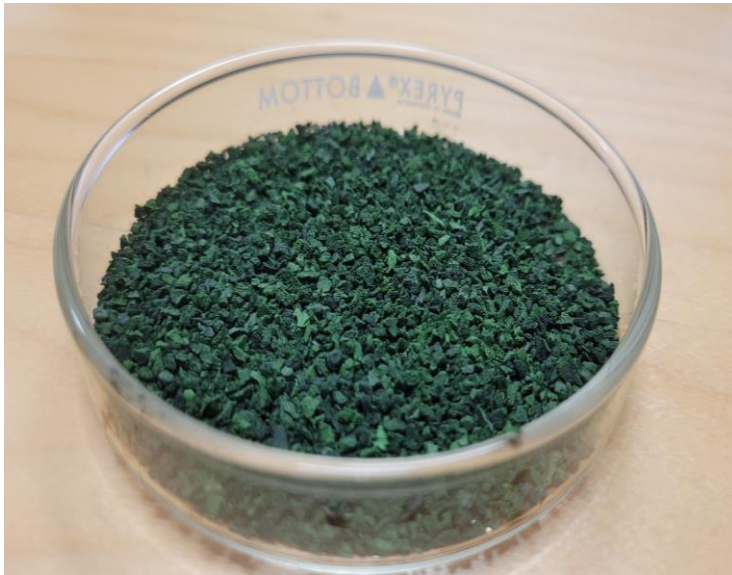
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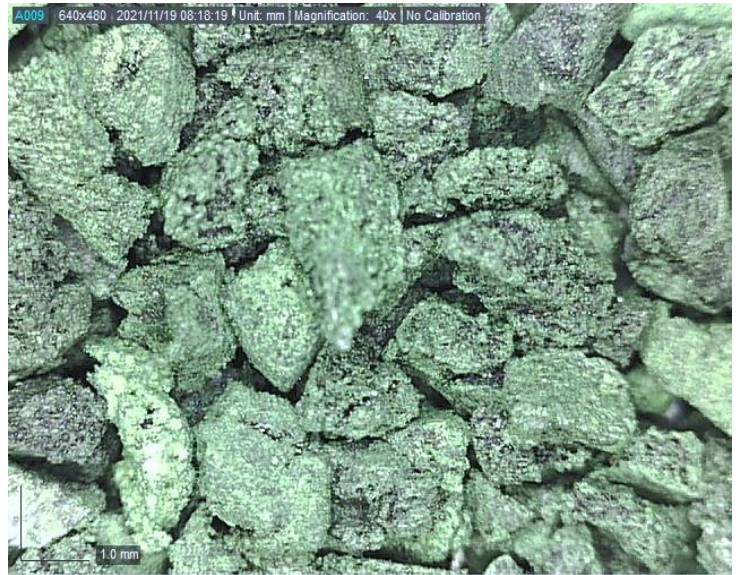


INFORMATION

Product description	Performance infill material for synthetic turf system			
Product name	TTII PLAYSAFE 65 COLOR-COATED EPDM			
Product type	EPDM granules			
Sample number	CAN004244			
Date of reception	October 2021			
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.

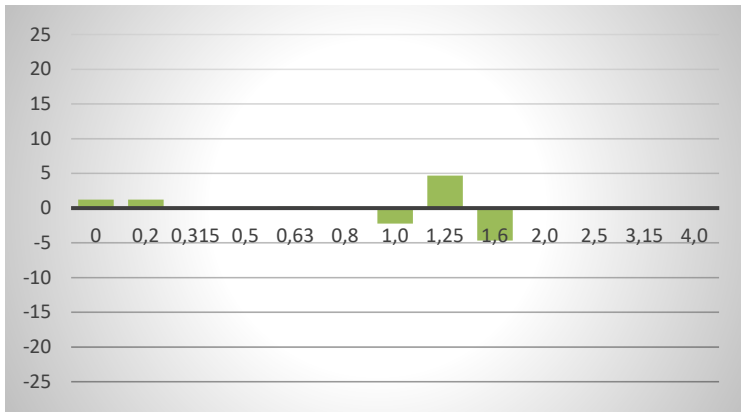
This test method consists in the evaluation of a product friability by comparison of its particles size distribution before and after being processed through 20,000 cycles of Labosport Roller Infill equipment for simulated wear of performance infill.

RESULTS

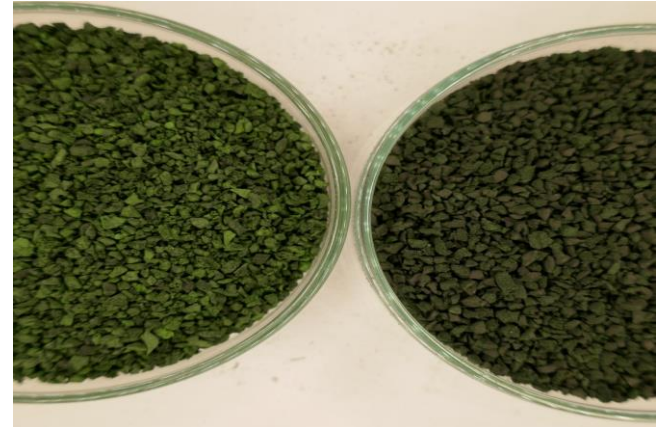
Property	Test method	Condition		Variation
		New	After wearing*	
Particle size	EN 933-1	0.8 – 2.0 mm (10– 12 mesh)	0.6 – 2.0 mm (10 – 30 mesh)	7 %**
Bulk density	EN 1097-3	0.40 g/cm ³ (25.0 lb/ft ³)	0.45 g/cm ³ (28.1 lb/ft ³)	13 %

*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

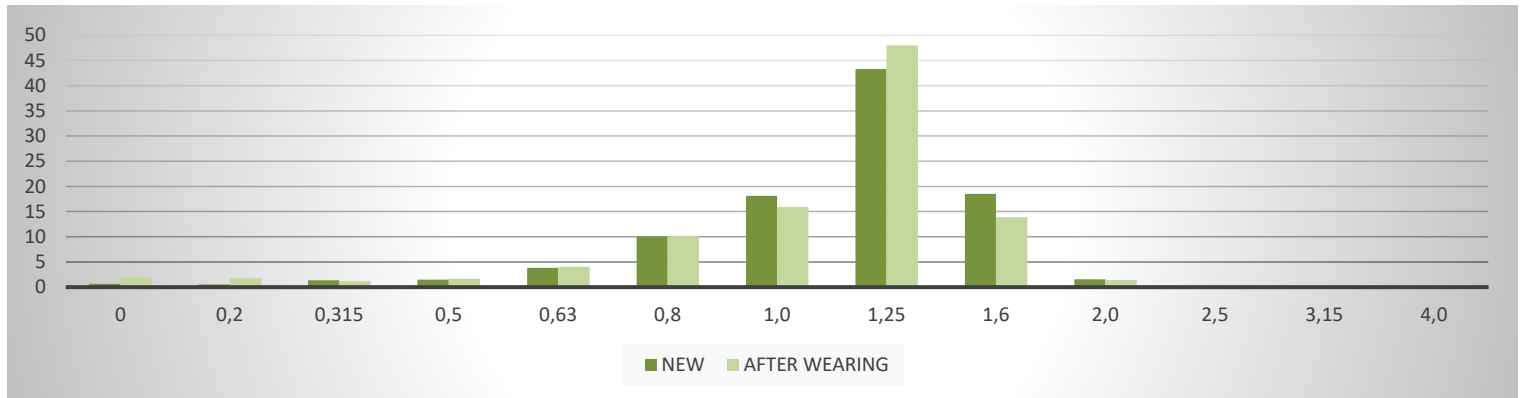


Variation (% retained per sieve)



New

After wearing



Particle size distribution

REPORTED BY

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