

TEST REPORT

Laboratory tests on an infill material for artificial turf system

Tests performed according to the standards listed in the quote Q21413CAN

Report Number R21413CAN-B1-Toxicology

Product TTII Pro-Max 37 TPE
TTII

Client John B. Giraud,
Target Technologies International Inc. 8535 Eastlake Drive, Brunaby BC V5A 4T7

Date November 18th, 2021

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GENERAL INFORMATION

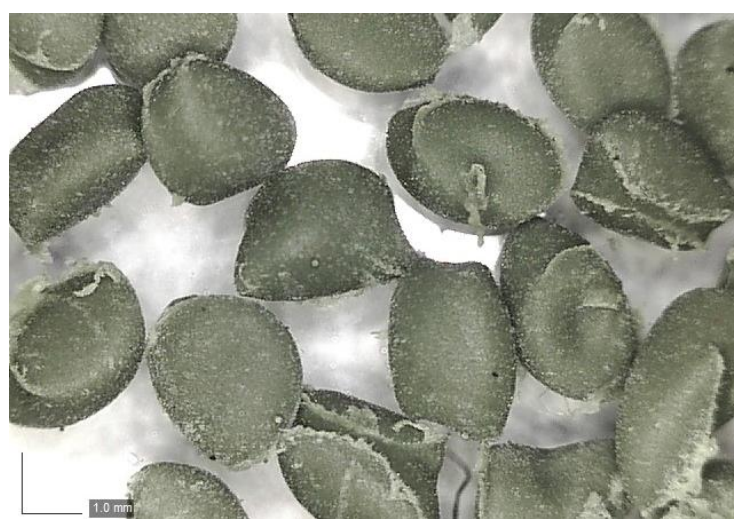
Product description	Performance infill – Thermoplastic elastomer			
Product name	TTII Pro-Max 37 TPE			
Date of tests	October 2021 – November 2021			
Temperature (°C)	MIN	22	MAX	24
Humidity (%)	MIN	49	MAX	51

SAMPLE INFORMATION

Colour	Green			
Bulk density	0.79 g.cm ⁻³			
Particle shape	C2			
Sample Number	CAN002491			



General View



Microscopic View

TOXICOLOGY AND CHEMICAL ANALYSIS

CAM 17 - TOXICOLOGICAL ANALYSIS OF HEAVY METALS BY LIXIVIATION- LEACHATE

Element	Units	Test method	Limits - California Code Of Regulations - §66261.24	Results	Pass/Fail
Antimony	mg/kg	EPA 6020B	< 500	< 0.250	Pass
Arsenic	mg/kg	EPA 6020B	< 500	< 0.250	Pass
Barium	mg/kg	EPA 6020B	< 10 000	2.820	Pass
Cadmium	mg/kg	EPA 6020B	< 100	< 0.250	Pass
Chromium	mg/kg	EPA 6020B	< 500	0.455	Pass
Lead	mg/kg	EPA 6020B	< 1 000	0.630	Pass
Selenium	mg/kg	EPA 6020B	< 100	< 0.250	Pass
Silver	mg/kg	EPA 6020B	< 500	< 0.250	Pass
Mercury	mg/kg	EPA 7471B	< 20	< 0.1	Pass
Beryllium	mg/kg	EPA 6020B	< 75	< 0.250	Pass
Cobalt	mg/kg	EPA 6020B	< 8 000	< 0.250	Pass
Copper	mg/kg	EPA 6020B	< 2 500	1.710	Pass
Zinc	mg/kg	EPA 6020B	< 5 000	6.040	Pass
Molybdenum	mg/kg	EPA 6020B	< 3 500	< 0.250	Pass
Nickel	mg/kg	EPA 6020B	< 2 000	502	Pass
Thallium	mg/kg	EPA 6020B	< 700	< 0.250	Pass
Vanadium	mg/kg	EPA 6020B	< 2 400	< 1.250	Pass

REPORTED BY

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