



TEST REPORT

DATE: 04/20/2009

TEST NUMBER: 121056

CLIENT	X - Grass
--------	-----------

TEST METHOD CONDUCTED	ASTM F1292-04 Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
-----------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Burke Turf Pro 70 Ounce
COLOR	Green
ROLL	-----
CONSTRUCTION	Filled Turf Sample
FIBER	-----
BACKING	-----
REFERENCE	Tested over 4.5 inch underlayment and stone

GENERAL PRINCIPLE

A test specimen is impacted at a specified velocity with a missile of given mass and geometry. A transducer mounted in the missile monitors the acceleration time history of the impact, which is recorded with the aid of an oscilloscope or other recording device. The 10 lb. missile was dropped at the appropriate height. The GMAX values, HIC (head impact criteria) are recorded for three drops. The second and third drops are averaged. Testing was conducted at one temperature per the client's request as listed on the results. The maximum criteria for passing a drop height is 200 gmax or 1,000 HIC.

TEST RESULTS

Tested at 25° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	129	127	123	125
HIC	984	959	935	947

** Submitted samples subjected to a drop height of 12 feet.*

APPROVED BY:

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical of similar products. This report, or the name of Professional Testing Laboratory Inc. shall not be used under any circumstance in advertising to the general public.