



### TEST REPORT

DATE: 01/24/2005

TEST NUMBER: 093182

CLIENT	Sport Surface Specialties
--------	---------------------------

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

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	2.5"
COLOR	Brown
CONSTRUCTION	Rubber

#### 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 three temperatures as listed on the results. The maximum criteria for passing a drop height is 200 gmax or 1,000 HIC.

#### TEST RESULTS

Tested at 70° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	136	140	137	139
HIC	825	828	804	816

Tested at 20° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	146	158	148	153
HIC	937	987	928	958

Tested at 120° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	130	132	133	133
HIC	828	846	843	845

*\*Submitted samples subjected to a drop height of 6'6"*

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 or 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.