



TEST REPORT

DATE: 1/24/2005

TEST NUMBER: 093181

CLIENT	Sport Surface Specialties
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TEST METHOD CONDUCTED	ASTM F1292-04 Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	2"
COLOR	Brown
ROLL	-----
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 20 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.

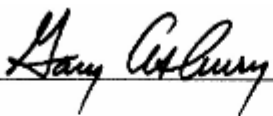
TEST RESULTS

Tested at 70° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	150	162	158	160
HIC	885	1002	995	999

Tested at 20° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	171	173	176	175
HIC	991	997	988	993

Tested at 120° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	167	171	172	172
HIC	1022	1017	980	999

**Submitted samples subjected to a drop height of 6'0"*

APPROVED BY: 

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