



NATIONAL TESTING STANDARDS INC.
RESEARCH AND TESTING LABORATORIES

Report No. 26400

August 23, 1996

Client: Jensen Swing Products, Inc.
9434 Abrahan Way
Santee, CA 92071

Reference: Mr. Chuck Ciruolo

Subject: Proof Loading of Tire Swings.

Sample Description:

Two 30" diameter plastic tires, 9" wide, were submitted by the Client and identified as Tire Swings, product no. A-145.

Request:

Suspend the submitted tire swings by the three points provided on the swing and proof load the tire sufficiently to demonstrate compliance with section 5.6.2.1 of ASTM F-1148.

Method:

Section 5.6.2.1 of ASTM F-1148 requires a proof load of 150 lbs. for each position that can be occupied by a child. The submitted tire swing is designed to accommodate up to three occupants.

Therefore each submitted tire swing was suspended as a three point swing from a load cell and uniformly loaded with 1000 lbs. or force.

After release of the load the tire swing was examined for any evidence of failure.

Results:

Neither tire exhibited cracking, mount distortion, buckling, or any other evidence of structural failure.

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