



TESTING SERVICES, INC.
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Mondo America Testing Summary

CLIENT:	Mondo America Inc.	REPORT NUMBER:	43535RR
	2655 Francis Hughes	LAB TEST NUMBER:	1999-5674
	Laval, Quebec, CN H7L 3S8	DATE:	April 10, 2009

TEST MATERIAL:

Turf ID
Mondoturf MF-4560 DL

OVERVIEW:

A synthetic turf sample was submitted for a battery of testing to analyze construction and physical properties.

TEST METHOD(S):

ASTM F1551: Standard Test Method for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials

- ASTM D5848: *Standard Test Method for Mass Per Unit Area of Pile Yarn Floor Coverings (Construction Analysis)*
- ASTM D5823: *Standard Test Method for Tuft Height of Pile Floor Coverings*
- ASTM D789: *Standard Test Method for Determination of Relative Viscosity and Moisture Content of Poyamide (Melt Point)*
- ASTM D1577: *Standard Test Method for Linear Density of Textile Fibers (Denier)*
- ASTM D1335: *Standard Test Method for Tuft Bind of Pile Floor Coverings*
- ASTM D5034: *Standard Test Method for Breaking Strength of Textile Fabrics (Grab Test)*
- ASTM D5034: *Standard Test Method for Breaking Strength and Elongation of Textile Fabrics)*
- ASTM D3218: *Standard Test Method for Specification of Polyolefin Monofilaments*

TEST RESULTS:

Test Performed	Test Result	
Total Weight	83.91 oz/sy ²	
Pile Weight	45.05 oz/sy ²	
Primary Backing	8.70 oz/sy ²	
Secondary Backing	30.16 oz/sy ²	
Average Pile Height	2.50"	
Average Tuft Bind Strength	15.14 lbs/force	
Average Grab Tear Strength	(MD) 298.1 lbs/force	(CMD) 244.0 lbs/force
Breaking Strength	21.86 lbs/force	
Elongation	51.6 %	
Denier	11,452	
Ribbon Thickness	.00810"	206 microns
Melt Point	121°C Polyethylene	

Approved By:

 Erle Miles, Jr. VP
 Testing Services Inc.