



CLIENT:

Company:	Irrigation Express Inc
Address:	13650 Vaughn Street
	San Fernando, CA 91340
Requested By:	Steve Gonzalez

TEST MATERIAL:

Date Material Received:	November 15, 2021
Material Type:	Synthetic Turf
Material Condition:	Excellent, New
Style:	Bel Air Light -SH

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>			
Standard:	ASTM G154	Test Method:	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Non-Metallic Material

SAMPLING PLAN:

Sampling Date:	11/15/2021
<ul style="list-style-type: none"> Specimen sampling is performed in the sampling department at TSI. The sampling size of specimens is determined by the test method requirements. In the event a specific sampling size is not called for, a determination will be made based on previous testing experience and approved for use by an authorized manager. All samples are subjected to the outside environmental conditions of temperature and relative humidity. Sample requiring pre-determined exposure to specified environmental conditions based on a specific test method, take place in the departments in which they are tested. 	

DEVIATION FROM TEST METHOD:

State reason for any Deviation from, Additions to, or Exclusions From Test Method.
None

TEST EQUIPMENT:

Exposure Chamber:	QUV/se	Serial #: 10-0083-77-SE	Calibration: Cert # 364043 6/4/2020
Bulb Type:	UVA 340 nm		
Irradiance:	0.89 W/m ²		
Exposure:	8 hrs UV light @ 60°C 4 hrs Condensation @ 50°C		

TEST SCOPE: This test method simulates the effect of UV portion of sunlight, condensation (moisture), and heat. UVA-340 exposure provides the best possible simulation of sunlight in the critical short wavelength region from 365 nm down to the solar cutoff of 295 nm.

TEST SUMMARY:

TEST METHOD	TEST DESCRIPTION	TEST RESULTS	
		3000 Hours Exposure	
ASTM G154-16	QUV Accelerated Weathering	Color: 10	Texture: 8

Color Change Rating:	10: Negligible or No Effect 9: Very Slight 8: Slight 6: Moderate 4: Pronounced 2: Severe 0: Very Severe
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Uncertainty:
 We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information to us using the latest test methods available. TSI can only ensure the test results for the specific items tested. Unless otherwise noted in the deviations sections of this report, all tests are performed in compliance with stated test method.

Test Report Approval:

Erle Miles, III
 Lab Director
 Testing Services (TSI) LLC



Testing Services (TSI) LLC
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