LABORATORY TEST REPORT

Report # 98176D
Lab Test Number: 3616-2911
Report Date: January 26, 2026

ASTM D2859 Pill Flammability

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CLIENT:

Company:	*ForeverLawn Inc*
Address:	*8007 Beeson Rd*
	Louisville, OH 44641

TEST MATERIAL:

Date Material Received:	*December 5, 2025*
Material Type:	*Synthetic Turf*
Material Condition:	*Excellent, New*
Material ID:	*K9 Eco*
Date Material Tested:	*January 19, 2026*

TESTING METHODS REQUESTED:

Testing Services Inc. was instructed by the client to test for the following…			
Standard:	*ASTM D2859-16*	***Test Method:***	*Standard Test Method for Ignition Characteristics of Finished Textile Pile Yarn Floorcoverings: Methenamine Pill Flammability*

SAMPLING PLAN:

Sampling Date:	***12/05/2025***

- 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 humidly.
- 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 SCOPE: *This test method provides a method of determining the flammability characteristics of textile products when exposed to an ignition source in a laboratory environment. Eight specimens, 9" X 9" were cut from the synthetic turf roll and infilled with the above referenced infill system. No preconditioning, prior to testing was performed due to low melt points of polyethylene fibers. Each assembly was placed into a container onto the test chamber floor, and a steel frame, 230mm X 230mm with 200mm diameter hole, placed on top of the turf surface. A methenamine tablet was placed centrically onto the surface. The pill was ignited using a lighted match, with the ignition flame and propagated flame allowed to self-extinguish.*

CRITERIA: *The specimen passes, if the charred portion of the test specimen, did not extend to within 25mm (1") of the diameter hole of the steel frame. The U.S. Consumer Product Safety Commission requires that at least seven of the eight specimens pass the test for acceptance as meeting the standard.*

TEST DATA:

Specimen #	*Un-Charred Area*	*Comment*
1	*> 3.0"+*	*Pass*
2	*> 3.0"+*	*Pass*
3	*> 3.0"+*	*Pass*
4	*> 3.0"+*	*Pass*
5	*> 3.0"+*	*Pass*
6	*> 3.0"+*	*Pass*
7	*> 3.0"+*	*Pass*
8	*> 3.0"+*	*Pass*
Average	*> 3.0"+*	*8 of 8 passes*

The above referenced test material passes US CPSC 16CFR 1630 (FF1-70) for Ignition Characteristics (Methenamine Pill Flammability) in accordance with ASTM D2859.

PRECISION/BIAS: ***Pill Flammability:*** *Level of uncertainty is not possible due to a lack of no standard reference to evaluate the precision of the pass/fail criterion. The only reportable result outlined in the standard is whether the charred portion of the test specimen extends within (1.0") of the edge of the hole in the steel frame. There are no requirements for quantitative measurement of the charred portion of the test specimen. No bias statement can be made since the true value cannot be established.*

Notes:
We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information given 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 deviation sections of this report, all tests are performed in compliance with the stated test method.

Test Report Approval:

Digitally signed by Erle Miles
DN: cn=Erle Miles, o=Testing Services LLC, ou, email=erle@testingservices.us, c=US
Date: 2026.01.26 16:34:37 -05'00'

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

TSi Accreditation:

Our Laboratory is accredited by NVLAP (Lab Code 100108-0), which is part of NIST and the US Dept of Commerce. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, and any agency of the U.S. Government. The above testing is under the scope of our NVLAP accreditation.

Member of ISSS

NVLAP TESTING 100108-0

ASTM Organizational Member

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