



CLIENT:

Company:	AHF Products
Address:	3840 Hempland Road
	Mountville, PA 17554

TEST MATERIAL:

Date Material Received:	July 6, 2020
Material Type:	Resilient Flooring
Material Condition:	Excellent, New
Material ID:	2.0mm Vinyl Sheet (Homogeneous)

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>		
Standard:	ASTM E662	Test Method: Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

SAMPLING PLAN:

Sampling Date:	6/3/2020
<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 SUMMARY:

ASTM E662-19	AVERAGE FLAMING MODE
Time to Attain (Minutes)	6.9
Specific Optical Density (DS) @ 1.5 Min	94
Specific Optical Density (DS) @ 4.0 Min	257
Maximum Specific Optical Density (DM)	315
Clear Beam (DC)	8
Corrected (DMC)	307

Requirements: ≤ 450 DMC
 Radiometer Output: 8.1 mv

Burner Fuel: Propane
 Furnace Voltage: 117v

Irradiance: 2.5 W/cm²
 Pressure: Positive Under 3" Water

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

TSI Accreditation: Our laboratory is accredited by the US Dept. of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is: NVLAP 100108-0. TSI is an Organizational Member of ASTM (American Society for Testing and Materials). TSI is a certified independent testing laboratory by the STC (Synthetic Turf Council).



Testing Services (TSI) LLC
 817 Showalter Avenue
 PO Box 1343
 Dalton, GA 30721



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DEVIATION FROM TEST METHOD:

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

TEST SUMMARY:

ASTM E662-19	AVERAGE NON-FLAMING MODE
Time to Attain (Minutes)	17.0
Specific Optical Density (DS) @ 1.5 Min	15
Specific Optical Density (DS) @ 4.0 Min	99
Maximum Specific Optical Density (DM)	311
Clear Beam (DC)	4
Corrected (DMC)	307

Requirements: ≤ 450 DMC
 Radiometer Output: 8.1 mv

Burner Fuel: Propane
 Furnace Voltage: 117v

Irradiance: 2.5 W/cm²
 Pressure: Positive Under 3" Water

Uncertainty:

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