

Independent Textile Testing Service, Inc.

Test No: 165415-1

PO Box 1948 - 1503 East Morris Street - Dalton, GA 30722
Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

Test Report

Customer: Shaw Hospitality

June 30, 2016

Subject: Sample(s) of carpet submitted for testing by the customer and identified below:

Sample Identification: Style/Inventory #: 5B111 Taper
MO #: M2457
Roll #: RP030PV
Backing Type: Classicbac
Test #: R-160620-29538-00037

Test Method Conducted
AATCC 134-2011
Electrostatic Propensity of Carpets

Purpose and Scope

This test method is designed to assess the static generating propensity of carpets developed when a person walks across them by controlled laboratory simulation of conditions which may be met in practice, and more particularly, with respect to those conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

Test Conditions:

Chamber Temperature: 70° F.
Chamber Relative Humidity: 20%

Test Results:	Sole	Underlay	Maximum Voltage 1 (kV)	Maximum Voltage 2 (kV)	Averages (kV)
Test I Step Test	Neolite	Plate	Pos. 0.6	Pos. 0.6	Pos. 0.6
Test II Scuff Test	Neolite	Plate	Neg. 2.1	Neg. 2.4	Neg. 2.3
Test III Step Test	Leather	Plate	Pos. 0.7	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.8	--	--

Soles:

- a) Neolite XS 664
- b) Suede Leather

Underlayment:

- a) Plate: Earth grounded metal plate
- b) H/J: Standard 40 oz./yd² rubberized Hair/Jute cushion

President L. Kent Suddeth

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Subject: Specimens of the submitted sample were prepared and tested in accordance with the procedures proposed by the National Institute of Standards and Technology (formerly National Bureau of Standards), Technical Note 708 and NFPA 258, ASTM E 662-15a.

SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance: 2.5 watts/cm² G Factor 132
 Thermal Exposure: Non-flaming
 Furnace Voltage: 102
 Burner Fuel: --

Sample Description

Style/Inventory #: 5B111 Taper
 MO #: M2457
 Roll #: RP030PV
 Backing Type: Classicbac
 Test #: R-160620-29538-00037

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H ₂ O			
Minimum Transmittance (TM), %	38%	39%	36%	
at, minutes	12.50	12.13	13.23	12.62
Maximum Specific Optical Density (DM)	319	318	323	320
Clear Beam, (DC)	2	2	4	3
DM, CORRECTED (DMC)	317	316	319	317
Specific Optical Density at 1.5 minutes	3	3	3	3
Specific Optical Density at 4.0 minutes	95	98	89	94
Time to 90% DM, minutes	9.11	8.80	9.73	9.21
Time to DS = 16, minutes	2.07	2.10	2.00	2.06



 President L. Kent Suddeth