

Independent Textile Testing Service, Inc.

Test No: 146516-1

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 Contract

July 15, 2014

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

Sample Identification: Style: 60767 Digits
MO#: 38684
Roll #: RJ00ARN
Fiber Type: Nylon
Backing Type: EPBL
R-140702-07266
S-140702-00071

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	Neg. 0.6	Neg. 0.8	Neg. 0.7
Test II Scuff Test	Neolite	Plate	Neg. 0.5	Neg. 0.7	Neg. 0.6
Test III Step Test	Leather	Plate	Neg. 0.3	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.6	--	--

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


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Customer: Shaw Contract

July 15, 2014

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 662-06.

SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance:	2.5 watts/cm ²	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	99		
Burner Fuel:	--		

Sample Description

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Test Results

Chamber Temperature, °F (start)

#1	#2	#3	Average
95	95	95	

Chamber Pressure

Maintained positive, under 3" H₂O

Minimum Transmittance (TM), %

28%	31%	20%	
20.00	20.00	20.00	20.00
205	199	224	209
1	1	1	1
204	198	223	208
1	1	2	1
48	45	60	51
15.71	16.18	11.78	14.56
2.64	2.70	2.53	2.62

at, minutes

Maximum Specific Optical Density (DM)

Clear Beam, (DC)


DM, CORRECTED (DMC)

Specific Optical Density at 1.5 minutes

Specific Optical Density at 4.0 minutes

Time to 90% DM, minutes

Time to DS = 16, minutes


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Test Report

Customer: Shaw Contract

July 15, 2014

Subject: Specimens of the submitted sample were prepared and tested in accordance with
ASTM E 648-10 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description


Style: 60767 Digits
MO#: 38684
Roll #: RJ00ARN
Fiber Type: Nylon
Backing Type: EPBL
R-140702-07266
S-140702-00071

Test Assembly

Mounted on 6mm FRC Board
(Using Shaw Subset 1000 Adhesive)

<u>Test Results</u>	<u>Specimen No. 1</u>	<u>Specimen No. 2</u>	<u>Specimen No. 3</u>
Critical Radiant Flux	0.50 watts/cm ²	0.59 watts/cm ²	0.53 watts/cm ²
Total Burn Length	40.0 cm	36.0 cm	39.0 cm
Flame Front Out	33.0 minutes	30.0 minutes	30.0 minutes

Average Critical Radiant Flux 0.54 watts/cm²
Estimated Standard Deviation 0.05 watts/cm²
8.5% coefficient of variation


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