

Independent of Textile Testine Service. Inc.

Test Number: 124829

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PO Box 1948

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Dalton, GA 30722

Phone: 706-278-3013

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Test Report

Customer: Shaw Contract

October 30, 2012

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:

Burner Fuel:

2.5 watts/cm²

G Factor

132

Thermal Exposure:

Non-flaming

Furnace Voltage:

100

Sample Description

Style Name: Dip Dye Style/Inventory #: 5T041 Color: 465 Scepter Roll #: QE00GT9

Yarn Type: 100% Continous Filament Nylon - Beck Dyed Back Type: EcoWorx Test #: 102312-5

Test Results

Chamber Temperature, °F (start)

Chamber Pressure

Minimum Transmittance (TM), %

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

#1	#2	#3	Average
95	95	95	
	Maintained positiv	e, under 3"	H ₂ O

			.=
96%	38%	18%	
20.00	20.00	20.00	20.00
266	187	230	228
1	1	1	1
265	186	229	227
1	1	1	1
10	8	16	11
13.65	16.78	12.13	14.19
4.60	4.88	4.03	4.50

President L. Kent Suddeth

Our letters and reports are for the exclusive use of the customer to whom they are addressed, and their communication to any others or the use of the name of Independent Textile Testing Service, Inc., must receive out prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. The reports and letters and the name of Independent Textile Testing Service, Inc., are not to be used under any circumstances in advertising to the general public.



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Test Report

Customer: Shaw Contract

December 5, 2012

Subject: Specimens of the submitted sample were prepared and tested in accordance with

ASTM E 648-06 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

Graphic Cut Pile

Style Name: Dip Dye Style/Inventory #: 5T041

Color: Scepter 465 Roll #: QE00GT9

Backing Type: EcoWorx

Yarn Type: 100% Continuous

Filament Nylon - Beck Dyed

Test #: 102312-5

GSA SIN Number: 31-303: Carpet Tile

Test Assembly

Mounted on 6mm FRC Board (Using Shaw G5000 Adhesive)

Critical Radiant Flux 0.81 watts/cm ² 0.81 watts/c	
Total Burn Length 24.0 cm 24.0 cm Flame Front Out 20.0 minutes 20.0 minutes	25.0 cm

Average Critical Radiant Flux

0.80 watts/cm²

Estimated Standard Deviation

watts/cm²

1.4% coefficient of variation

Kent Suddeth

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