

# استانداردهای نور تابشی

## Laboratory Standards and Certifications

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استاندارد نور تابشی  
استاندارد مقاومت آتش زایی در برابر گرمای تابشی

Test Number: 123431



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: Standard Carpets Ind. LLC

August 13, 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

Nylon Carpet Tiles

Test Assembly

Mounted on 6mm FRC Board  
(Using Premium Multi Purpose Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.41 watts/cm <sup>2</sup>	0.48 watts/cm <sup>2</sup>	0.42 watts/cm <sup>2</sup>
Total Burn Length	45.0 cm	41.0 cm	44.0 cm
Flame Front Out	51.0 minutes	28.0 minutes	34.0 minutes

<u>Average Critical Radiant Flux</u>	0.44 watts/cm <sup>2</sup>
Estimated Standard Deviation	0.04 watts/cm <sup>2</sup>
	8.7% coefficient of variation

  
President L. Kent Suddeth

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Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

Test Report

Customer: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted  
ITTS - 205  
Roll Chair Testing

Purpose and Scope

This test method is designed to measure the appearance retention of carpet when exposed to roll chair (office chair) exposure.

Procedure

A specimen of the sample was installed on a wood substrate and exposed to the reciprocating action of an office chair, loaded with 150 pounds, impelled at approximately 14 cycles per minute. The specimen was exposed to the indicted number of cycles and rated in accordance to the scale below.

Rating	Appearance of Carpet in Caster Traffic Region
5 - Excellent	Negligible or no change
4 - Good	Slight change in appearance, due more to disturbance of the pile than to matting. Visible change.
3 - Fair	Noticeable change in appearance. Some matting of the pile.
2 - Poor	Considerable change in appearance. Pile yarns either disturbed or packed and matted.
1 - Very Poor	Severe change in appearance. Pile yarns packed with severe crushing.

Comments

Number of Cycles

Rating

10,000

3.0

50,000

2.5

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Test No: 123431



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Test Report

Customer: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted  
AATCC Test Method 16 Option E  
Colorfastness to Light (Water-Cooled Xenon Arc)

Purpose and Scope

This test method provides the general principles and procedures which are currently in use for determining the colorfastness, to light of textile materials.

Procedure

Samples of the textile material to be tested and the agreed upon comparison standard(s) are exposed simultaneously to a light source under specified conditions. The colorfastness to light of the specimen is evaluated by comparison of the color change of the exposed portion to the masked or control portion of the test specimen using the AATCC Gray Scale for Color Change or by instrumental color measurement.

Test Specimen Identification	Number of Cycles	Rating
See Above	2 (40 AFU's)	5

Key to Ratings	
5	Negligible or no change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

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استاندارد مقاومت آتش زایی در برابر گرمای تابشی

Test No: 123431



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Test Report

Customer: Standard Carpets Inc. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted  
AATCC Test Method 164  
Colorfastness to Oxides of Nitrogen @ High Humidities

Procedure

Test specimens are exposed to Oxides of Nitrogen under controlled conditions for a specified number of cycles. One(1) cycle is determined when the control sample swatch color change corresponds to that of the Standard of Fading. Specimen ratings are based on the International Geometric Gray Scale.

Test Specimen Identification	Number of Cycles	Rating
See Above	2	5
Key to Ratings		
5	Negligible or no change	
4	Slight change	
3	Noticeable change	
2	Considerable change	
1	Severe change	

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استاندارد نور تابشی  
استاندارد مقاومت آتش زایی در برابر گرمای تابشی



Test Number: 187668-1

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: Standard Carpet Ind. L.L.C.

February 27, 2018

Subject: Specimens of the submitted sample were prepared and tested in accordance with  
ASTM E 648-15e1 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

100% Solution Dyed Olefin Carpet Tile with PVC Backing

Test Assembly

Mounted on 6mm FRC Board  
(Using Premium Multi Purpose Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.24 watts/cm <sup>2</sup>	0.25 watts/cm <sup>2</sup>	0.24 watts/cm <sup>2</sup>
Total Burn Length	61.0 cm	60.0 cm	61.0 cm
Flame Front Out	60.0 minutes	62.0 minutes	60.0 minutes

Average Critical Radiant Flux	0.24 watts/cm <sup>2</sup>
Estimated Standard Deviation	0.01 watts/cm <sup>2</sup>
	2.4% coefficient of variation

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