

Independent Textile
Testing
 Service, Inc.

Test Number: 291997

P.O. Box 1948

1503 Murray Ave.

Dalton, Georgia 30722-1948 • Phone 706-278-3013 • Fax 706-272-7057 • E-mail: info@ittslab.com

TEST REPORT

Customer: Wuxi Fuxing Carpet Co., Ltd

July 8, 2009

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/cm² G Factor 132
 Thermal Exposure: Non-flaming
 Furnace Voltage: 93
 Burner Fuel: --

Sample Description

TARAX / PRO-PANTONE Nylon 6,6
 Cushion Backing of High Density Recycled Non-Woven
 with Bitumen, PVC Free

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), %	24%	14%	10%	
at, minutes	20.00	20.00	20.00	20.00
Maximum Specific Optical Density (DM)	82	113	132	109
Clear Beam, (DC)	4	4	4	4
DM, CORRECTED (DMC)	78	109	128	105
Specific Optical Density at 1.5 minutes	2	1	1	1
Specific Optical Density at 4.0 minutes	16	18	19	18
Time to 90% DM, minutes	15.00	15.40	16.00	15.47
Time to DS = 16, minutes	4.10	4.00	4.00	4.03

L. Kent Suddeth
 Executive Vice President

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