

Independent Textile Testing Service, Inc.

Test Number: 254303

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TEST REPORT

Customer: Masland Carpets, Inc.

July 29, 2005

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 662-03.

SMOKE DENSITY TEST (NIST)

Operating Conditions


Irradiance:	2.5 watts/cm ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	98		
Burner Fuel:	Propane		

Sample Description

Style: 7243 Random Control

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), %	72%	48%	58%	
at, minutes	9.60	8.20	9.00	8.90
Maximum Specific Optical Density (DM)	151	174	163	163
Clear Beam, (DC)	16	24	19	20
DM, CORRECTED (DMC)	135	150	144	143
Specific Optical Density at 1.5 minutes	6	20	13	13
Specific Optical Density at 4.0 minutes	102	152	117	124
Time to 90% DM, minutes	8.10	6.20	7.30	7.20
Time to DS = 16, minutes	1.70	1.40	1.50	1.50


L. Kent Suddeth
Executive Vice President

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