

Independent Textile Testing Service, Inc.

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TEST REPORT

Customer: Masland Carpets, Inc.

April 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 662-97.

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: 7820 Ambient

GSA SIN Number: 31-301: Broadloom Carpet

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), %	69%	33%	43%	
at, minutes	9.40	8.70	9.00	9.03
Maximum Specific Optical Density (DM)	153	196	180	176
Clear Beam, (DC)	22	33	25	27
DM, CORRECTED (DMC)	131	163	155	150
Specific Optical Density at 1.5 minutes	29	21	25	25
Specific Optical Density at 4.0 minutes	146	189	177	171
Time to 90% DM, minutes	3.20	3.30	3.30	3.27
Time to DS = 16, minutes	1.30	1.40	1.30	1.33



 L. Kent Suddeth
 Executive Vice President

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