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TEST REPORT

**Customer:** Masland Carpets, Inc.

February 26, 2008

**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<sup>2</sup>      G Factor      132  
 Thermal Exposure: Flaming  
 Furnace Voltage: 103  
 Burner Fuel: Propane

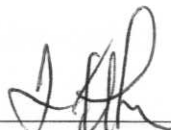
**Sample Description**

Style: 7834 Sideline  
 Color: 38405 Dijon  
 Roll #: R71968840

**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 <sub>2</sub> O			
Minimum Transmittance (TM), %	10%	76%	99%	
at, minutes	3.00	3.10	3.20	3.10
Maximum Specific Optical Density (DM)	132	148	133	138
Clear Beam, (DC)	17	25	17	20
<b>DM, CORRECTED (DMC)</b>	115	123	116	118
Specific Optical Density at 1.5 minutes	67	59	43	56
Specific Optical Density at 4.0 minutes	127	142	127	132
Time to 90% DM, minutes	2.40	2.30	2.40	2.37
Time to DS = 16, minutes	1.20	1.20	1.30	1.23



L. Kent Suddeth  
 Executive Vice President

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