

Independent Textile Testing Service, Inc.

Test Number: 254304

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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: 7245 Curtain Wall

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), %	75%	69%	61%	
at, minutes	8.80	7.90	8.00	8.20
Maximum Specific Optical Density (DM)	148	153	160	154
Clear Beam, (DC)	21	20	20	20
DM, CORRECTED (DMC)	127	133	140	133
Specific Optical Density at 1.5 minutes	29	25	29	28
Specific Optical Density at 4.0 minutes	92	122	133	116
Time to 90% DM, minutes	6.60	5.90	5.60	6.00
Time to DS = 16, minutes	1.20	1.40	1.40	1.30


L. Kent Suddeth
Executive Vice President

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