

Independent Textile Testing Service, Inc.

Test Number: 146769

PO Box 1948 - 1503 East Morris Street - Dalton, GA 30722
 Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

Test Report

Customer: Mannington Commercial

August 14, 2014

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/cm ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	101		
Burner Fuel:	Propane		

Sample Description

Style: Canopy II
 Back: Integra HP

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), %	45%	42%	45%	
at, minutes	6.07	6.20	6.27	6.18
Maximum Specific Optical Density (DM)	442	446	442	443
Clear Beam, (DC)	55	60	59	58
DM, CORRECTED (DMC)	387	386	383	385
Specific Optical Density at 1.5 minutes	117	113	109	113
Specific Optical Density at 4.0 minutes	410	406	405	407
Time to 90% DM, minutes	3.70	3.63	3.60	3.64
Time to DS = 16, minutes	0.92	0.96	0.97	0.95

 President L. Kent Suddeth