

Independent  Textile
Testing
 Service, Inc.

Test Number: 144713

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Test Report

Customer: UPOFLOOR

May 27, 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/cm² G Factor 132
 Thermal Exposure: Non-flaming
 Furnace Voltage: 99
 Burner Fuel: -

Sample Description

Xpression 1171
 Batch 4010
 Date of Manufacturing: 14th Feb. 2014
 Manufacturer: Upofloor

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), %	31%	31%	87%	
at, minutes	20.00	16.90	20.00	18.97
Maximum Specific Optical Density (DM) Clear Beam, (DC)	179	199	140	173
DM, CORRECTED (DMC)	1	1	1	1
Specific Optical Density at 1.5 minutes	178	198	139	172
Specific Optical Density at 4.0 minutes	2	2	1	2
Time to 90% DM, minutes	10	11	9	10
Time to DS = 16, minutes	16.42	13.58	18.98	16.33
	5.20	5.00	5.60	5.27


 President L. Kent Suddeth

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