

TEST REPORT

Client : New Zealand Wool Testing Authority Ltd
PO Box 12065
Ahuriri Napier 4144
New Zealand

Test Number : 15-002400
Issue Date : 29/05/2015
Print Date : 29/05/2015

Sample Description Clients Ref : "Ref: 1094811.5"
Origin
Colour : Grey
Nominal Composition : 100% Wool
Nominal Mass per Unit Area/Density : 657g/lineal metre
Nominal Thickness : 1.65mm

ISO 5660.1-2002

Reaction to Fire Tests - Heat Release Smoke Production and Mass Loss Rate Part 1: Heat Release Rate (Cone Calorimeter Method)

	Specimen			Mean	
	1	2	3		
Average Heat Release Rate	7.4	9.1	6.3	7.6	kW/m²
Group Number Classification	2S	2S	2S		

(In Accordance with New Zealand Building Code Verification Method C/VM2 Appendix A)

Average Specific extinction area	12.6	31.4	31.7	25.2	m²/kg
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(According to ISO 5660.2-2002)

Test orientation : Horizontal

	Specimen			Mean	
	1	2	3		
Irradiance	50	50	50	50	kW/m²
Exhaust flow rate	24	24	24	24	L/sec
Time to sustained flaming	14	15	13	14	sec
Test duration	1814	1815	1813	1814	sec

15,439

5,072

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