

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client :	Cavalier Bre 7 Grayson A Papatoetoe Auckland Ne	venue	Test Number Issue Date Print Date	: 19-00245 : 29/05/207 : 29/05/201	19				
Sample De	escription	Clients Ref : "Untouched 3040" Loop pile carpet Colour : Beige							
ASTM C518-2017		Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus							
		Date of Testing		29/05/2019					
		Test Date		28/05/2019					
		Test Apparatus	L	asercomp Fox 600					
		Sample Orientation		Horizontal					
		Heat Flow Direction		Up					
		Mean Test Temperature		23	°C				
		Temperature Differential		20	°C				
		Average Thermal Gradient		318.9	K/m				
		Estimated uncertainty in results		3.9	%				
		Specimen	1	2					
		Specimen Thickness (as received)	13	13	mm				
		Specimen Thickness (as tested)	63	63	mm				
		Specimen Density (as tested)	58	58	kg/m³				
		Test Duration	04:06	03:17	hrs:mins				

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APPROVED SIGNATORY

(C)



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TEST REPORT

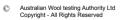
Client :	Cavalier Bremworth 7 Grayson Avenue Papatoetoe Auckland New Zealand	Test Number Issue Date Print Date		19-002456 29/05/2019 29/05/2019	
	Measured Heat Flux	21.9		21.6 W/m ²	2
	Measured Thermal Conductance	0.1096		0.1081 W/m ²	۴K
	Measured Thermal Conductivity	0.0687		0.0678 W/m	.к
	Thermal Resistance	0.91		0.93 m²K/	W
	Thermal Resistance (1 layer)	0.18		0.19 m²K/	W

The calibration of the Heat Flow Apparatus was checked immediately prior to the commencement of the test.

The specimens were tested as 5 layers placed face to back and then turned at 90° for the second result.

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