

Family of products	Denim Material	Spec number	0026
Sub-family (trade mark)	Insul-Therm	Presentation	n/a
Application:	Wall Insulation	Date issue	7/8/2019

Significant Characteristics	Test Method	Unit	Tolerances
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Composition

Aspect	Appearance Color	Visual	Blue	
Fiber Blend	Binding fiber	Low Melt	20% low melt	20%
	Other fibers	Fiber Grades	80% RR /Tintoria FR	80%
Facing	Side 1	Type	n/a	
	Side 2	Film	n/a	

General Characteristics

Thickness			Thickness Gage	22mm	21.46mm
Basis weight			Weight Scale	56gr	57.67
Mechanical Properties	Tensile Strength at break	MD	Instron	Report	12.00
		AMD		Report	29.33
	Elongation at break	MD	Instron	Report	50.00%
		AMD		Report	41.56%
Flammability	Surface	E-84	Report	Pass Class I or A rating	
Thermal performance	R-Value		ASTM C177 and ASTM C518	Report	3.44

Acoustical Performance

Test Conditions	1/3 Octave Band Center Frequency Hz						
	HZ	250	500	1000	2000	4000	8000
20-21 C							
69-70 % RH	Sound Absorption Coef.	0.3	0.74	0.93	0.91	0.86	1.02
986 hPa	Test Conducted per SAE J2883 wotj am ASTM E795 Type "A" Mounting						
	Sample A	Sample B		Sample C		Sample D	
PMI (Automotive)	615	773		671		685	