



**BluePoint**

13902 N Dale Mabry Hwy Ste. 122  
Tampa, FL 33618

Family of products	Denim Material	Spec number	0079
Sub-family (trade mark)	Insul-Therm	Presentation	n/a
Application:	Heat Block	Date issue	8/20/2020

Significant Characteristics	Test Method	Unit	Tolerances
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Composition			
Aspect	Appearance	Visual	Blue
	Color		
Fiber Blend	Binding fiber	Low Melt	20% LM
	Other fibers	Fiber Grades	80% Denim
Facing	Side 1	Type	n/a
	Side 2	Foil	Foil lamination one side

General Characteristics			
Thickness		Thickness Gage	15 mm
Basis weight		Weight Scale	56 gr
Mechanical Properties	Tensile Strength at break	MD	Report
		AMD	Instron
	Elongation at break	MD	Report
		AMD	Instron
Flammability	Surface	FMVSS-302	Report
Radiant Heat	Heat block	W/O Foil	Report
		With Foil	Heat Chamber

Acoustical Performance							
Test Conditions	70						
20-21 C	HZ	250	500	1000	2000	4000	8000
69-70 % RH	Sound Absorption Coef.	n/a	n/a	n/a	n/a	n/a	n/a
986 hPa	Test Conducted per SAE J2883 wotj am ASTM E795 Type "A" Mounting						
	Sample A	Sample B	Sample C	Sample D			
PMI (Automotive)	38884	38396	32114	47752			

Foil specification			
CT-FSKR-0750A thermo			
Facing Composition	Description	Values (English)	Values (Metric)
Foil	Aluminum	0.28 mil	7 micron
Adhesive	Flame retardant		
Reinforcing	Tri-directional Fiberglass	2 / inch (MD)	8 / 100mm
		3 / inch (XD)	12 / 100mm
Kraft	Natural	30 lbs. / 3000 ft2	50 g//m2
Heat activated adhesive	PE	1 mil	25 micron
			(approx. 18-20 g/sq. m.)