

Family of products	Shoddy	Spec number	0051	
Sub-family (trade mark)		1000 GSM Thermobond Product	Presentation	
Application:			Date issue	9/13/2019

Significant Characteristics	Test Method	Unit	Tolerances
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Composition			
Aspect	Apperance	Visual	Blue
	Color		
Fiber Blend	Binding fiber	Low Melt	22mm Low melt 17%
	Other fibers	Fiber Grades	RR/blue-17/1063-U
Facing	Side 1	Type	
	Side 2	Film	

General Characteristics					
Thickness		Thickness Gage	20	22.43	
Basis weight		Weight Scale	92	98.66	
Mechanical Properties	Tensile Stregnth at break	MD	Instron	Report	107.67
		AMD		Report	119.00
	Elongation at break	MD	Instron	Report	40.22%
		AMD		Report	26.33%
Flammability	Surface	FMVSS 302	Report	83.33 mm/min	
Thermal performance	R-Value	ASTM C177 and ASTM C518		3.15	

Acoustical Performance							
Test Conditions	70						
20-21 C	HZ	250	500	1000	2000	4000	8000
69-70 % RH	Sound Absorption Coef.						
986 hPa	Test Conducted per SAE J2883 wotj am ASTM E795 Type "A" Mounting						
PMI (Automotive)	Sample A	Sample B		Sample C		Sample D	
	1091	1053		842		888	