

Family of products	Shoddy	Spec number	0012
Sub-family (trade mark)	1200 GSM Thermobond Product	Presentation	
Application:		Date issue	6/12/2019

Significant Characteristics	Test Method	Unit	Tolerances
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Composition			
Aspect	Apperance Color	Visual	blue
Fiber Blend	Binding fiber	Low Melt	38mmLM 17%
	Other fibers	Fiber Grades	Blue-17/1063-U/RR
Facing	Side 1	Type	
	Side 2	Film	

General Characteristics					
Thickness		Thickness Gage		13mm	13.21mm
Basis weight		Weight Scale		112gr	111gr
Mechanical Properties	Tensile Stregnth at break	MD	Instron	Report	105.33
		AMD		Report	218.33
	Elongation at break	MD	Instron	Report	18.00%
		AMD		Report	22.22%
Flammability	Surface	FMVSS 302		Report	SE
Thermal performance	R-Value	ASTM C177 and ASTM C518			2.14

Acoustical Performance							
Test Conditions	1/3 Octave Band Center Frequency Hz						
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						
	Sample A	Sample B		Sample C		Sample D	
PMI (Automotive)							