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Coated Tyvek 1073B Material Information Sheet

Material	Heat-Seal Coated Tyvek® 1073B	PeelMaster Item #	CT1073
Product Description	Heat-Seal Coated DuPont Tyvek® 1073B		
FDA Status	FDA-approved for food contact and sterile applications		
Material Characteristics	CT1073 is a breather barrier for sterile packaging applications, with excellent strength, breatheability, sealability, and peelability. Coating gives visual evidence of seal continuity upon peeling.	Typical Applications	Sterile tray lids and form-fill-seal lidding roll stock.
Physical Properties (Typical Values)			
Characteristic	Test Method	Units	Typical Values
Substrate basis weight	ASTM D3776	lb. per 24"x36" ream (lb./3000 ft ²)	45.0 – 53.0
Adhesive coat weight	ASTM F2217	lb. per 24"x36" ream (lb./3000 ft ²)	6.8 - 7.0
Total basis weight	N/A	lb. per 24"x36" ream (lb./3000 ft ²)	51.8 – 60.0
Material Yield	TAPPI T410	in ² /lb.	7,200 - 8,300
Thickness	ASTM D1777	mil	7.3
Tensile Strength (MD)	ASTM D5035	lb./in.	43 - 44
Tensile Strength (CD)	ASTM D5035	lb./in.	45 - 47
Elongation (MD)	ASTM D882	%	27
Elongation (CD)	ASTM D882	%	31
Elmendorf tear (MD)	ASTM D1424	lb.	0.70 – 0.75
Elmendorf tear (CD)	ASTM D1424	lb.	0.71 - 0.80
Mullen Burst	ASTM D774	psi	176
Porosity–Gurley	TAPPI T460	sec/100cc	<84
Typical Sealing Range	Sealing process parameters will depend greatly on specific application, equipment, etc. Typical ranges might include: 220-260 F, 1.0-2.0 sec, 40-60 psi		

These physical properties listed above are typical and not specification limits. They are not meant for customer specifications development. Customers are solely responsible for determining the suitability of this product for their intended use.