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## CT1073 - Coated Tyvek® 1073B Material Information Sheet

<b>Material</b>	Heat-Seal Coated Tyvek® 1073B		<b>Item #</b>	CT1073
<b>Product Description</b>	Heat-Seal Coated DuPont Tyvek® 1073B			
<b>FDA Status</b>	FDA-approved for food contact and sterile applications.			
<b>Material Characteristics</b>	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.			
<b>Typical Applications</b>	Sterile tray lids and form-fill-seal lidding roll stock.			
<b>Physical Properties (Typical Values)</b>				
<b>Characteristic</b>	<b>Test Method</b>	<b>Units</b>	<b>Typical Values</b>	
<b>Substrate basis weight</b>	ASTM D3776	lb. per 24"x36" ream (lb./3000 ft <sup>2</sup> )	45.0 – 53.0	
<b>Adhesive coat weight</b>	ASTM F2217	lb. per 24"x36" ream (lb./3000 ft <sup>2</sup> )	6.8 - 7.0	
<b>Total basis weight</b>	N/A	lb. per 24"x36" ream (lb./3000 ft <sup>2</sup> )	51.8 – 60.0	
<b>Material Yield</b>	TAPPI T410	in <sup>2</sup> /lb.	7,200 - 8,300	
<b>Thickness</b>	ASTM D1777	mil	7.3	
<b>Tensile Strength (MD)</b>	ASTM D5035	lb./in.	43 - 44	
<b>Tensile Strength (CD)</b>	ASTM D5035	lb./in.	45 - 47	
<b>Elongation (MD)</b>	ASTM D882	%	27	
<b>Elongation (CD)</b>	ASTM D882	%	31	
<b>Elmendorf tear (MD)</b>	ASTM D1424	lb.	0.70 – 0.75	
<b>Elmendorf tear (CD)</b>	ASTM D1424	lb.	0.71 - 0.80	
<b>Mullen Burst</b>	ASTM D774	psi	176	
<b>Porosity–Gurley</b>	TAPPI T460	sec/100cc	<84	
<b>Typical Sealing Range</b>	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.