

Preliminary - ES 1280 - 1M PP BATTERY ELECTRODE TAPE GREEN

Spec#: C1178 DURABLE

Facestock	Facestock physical properties					
1.0 mil Clear Biaxially Oriented Polypropylene (BOPP)		Imperial Value	Units	Metric Value	Units	
	Caliper: ASTM D1000	.001	inches	25.4	micron	
	Elongation to Break ASTM D882	MD	160	%		
		CD	60	%		

Adhesive	Adhesive physical properties					
Green pigmented acrylic adhesive with electrolyte resistance/compatibility		Imperial Value	Units	Metric Value	Units	
	Type:	Emulsion Acrylic				
	Caliper: ASTM D1000	0.00063	inches	16.5	micron	
	Standard Coat Wt:			16	g/sq m	
	Minimum Appl Temp:	32	F	0	C	
	Typical Service Temp Range:	Min	0	F	-17	C
		Max	180	F	82	C
Loop Tack Stainless Steel: PSTC11	23.3	oz/in	25.6	N/100mm		

Release:		Total Construction Caliper
TMLI 135° Peel at 12ipm (304.8mm per minute)		(approximate)
Rate of Removal	Grams/2" Width	
12 ipm (304.8mm per minute)	905	0.00165 inches

Features and Benefits

- Self wound clear face stock with green adhesive for application indication
- Excellent prolonged resistance to electrolyte at elevated temperature
- PP facestock provides inertness for best electrolyte compatibility to reduce potential of self discharging driven by DMT redux shuttle
- Dielectric facestock provides electrical insulation (4.5 kV AC Breakdown Voltage)

Applications and Uses

- This product is intended for electrode fixing in batteries by wrapping around the separator film and back onto itself.

Optimal Storage Conditions

- Unless otherwise specified in this document, ideally store at 72F (23C) and 50% RH

Note:

The technical data presented is from tests we believe to be reliable but should be considered representative or typical only and should not be used for specifications purposes. This product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

The information on compliance conditions, substrates, and printing products contained in the tables above represent a summary of recognized or acceptable conditions and printing products. Other conditions, substrates, and printing products may be recognized with this material. Please consult the specific compliance organization records or specific files for a complete listing.

Warranty

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