

Product Data Sheet

Preliminary - ES 1281 - 1M PET BATTERY ELECTRODE TAPE GREEN

Spec#: C1177 DURABLE

Facestock		Facestock physical properties							
1 Mil Clear Polyester is a highly transparent film featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance.				Imperial Value	Units	Metric Value	Units		
		Caliper:				0.00092	inches	23.37	micron
		ASTM D1000							
		Elongation to Break	MD			160	%		
			CD			120	%		
ASTM D882									

Adhesive		Adhesive physical properties							
Green pigmented acrylic adhesive with electrolyte resistance/compatibility				Imperial Value	Units	Metric Value	Units		
		Type:				Emulsion Acrylic			
		Caliper:				0.00063	inches	16.5	micron
		ASTM D1000							
		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				23.2	oz/in	25.5	N/100mm		

Liner 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)	402	0.00157 inches

Features and Benefits

- Self wound crystal clear face stock with green adhesive for application indication
- Excellent prolonged resistance to electrolyte at elevated temperatures
- Dielectric facestock provides electrical insulation (5.7 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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