



Polynit-Z Wipe

Electrostatic dissipative wipe

Description

The Polynit-Z Wipe is constructed using conductive yarns within the polyester interlock knit that features an unidirectional conductive pattern. It is a very clean static dissipative wipe that is well suited for applications sensitive to electrostatic discharge. The average surface resistivity is 3.5×10^{10} ohms/sq. The non-abrasive sealed-edge Polynit-Z wipes are laundered and packaged in an ISO Class 4 cleanroom.

Technical Data

Wipe Material 100% polyester

Wipe Construction Interlock knits

Attribute; (units)	Value **	Test Method
Basis weight; nominal (g/m ²)	140	Contec Method
Sorbency in water		
Intrinsic; (mL/g)	2.26	IEST-RP-CC004.3, Sec. 8.1
Extrinsic; (mL/m ²)	303	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	2	IEST-RP-CC004.3, Sec. 8.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec.7.1.2
In deionized water; (g/m ²)	0.005	
In isopropanol; (g/m ²)	0.007	
Specific ions		IEST-RP-CC004.3, Sec.7.2.2
Sodium; (ppm)	0.059	
Chloride; (ppm)	0.042	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	2.20	
Fibers > 100µm; (x10 ³ /m ²)	1.450	IEST-RP-CC004.2, Sec. 5.2

Part Number	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWZS0001	Polynit-Z Wipe, 9" x 9" (23 x 23cm)	75	2	8	1200

Key: EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, CS = Case

Notes:

- 1) The information presented here is applicable to the part numbers shown above as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.
- 2) Data shown are typical values and should not be used as product specifications.
- 3) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 4) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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