



Amplitude™ Sigma™ Plus

Polyester/cellulose nonwoven wipe

Description

The Amplitude Sigma Plus wipes are constructed using a nonwoven fabric that is hydraulically entangled blend of polyester and cellulosic fibers. The wipe maintains a high level of strength either wet or dry. It is recommended when ultra-low particle generation combined with high sorbency is the top priority.

Features and Benefits

- Specially treated to reduce particles and fibers
- Very clean
- Strong and durable
- Extremely sorbent

Applicability

The information presented here is applicable to the part numbers shown below 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.

C1E-99, C1E-1212

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	67	
Sorbency in water		IEST-RP-CC004.3, Sec.8.1
Intrinsic; (mL/g)	3.93	
Extrinsic; (mL/m ²)	264	
Sorptive rate; (seconds)	1.0	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)	0.021	
In isopropanol; (g/m ²)	0.065	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	67.2	
Chloride; (ppm)	47.8	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.3μm; (x10 ⁶ /m ²)	N/A	
P ≥ 0.5μm; (x10 ⁶ /m ²)	14.3	
Fibers > 100μm; (x10 ³ /m ²)	27.1	IEST-RP-CC004.2, Sec. 5.2

** ND = None detected; levels are below detection limit of test equipment

Notes:

- 1) Data shown are typical values and should not be used as product specifications.
- 2) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 3) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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