



Amplitude™ Prozorb®

Textured cellulose/polyester nonwoven wipe

Description

This spunlaced wipe consists of 46% cellulose and 54% polyester produced through a special process that creates apertures in the fabric while enhancing the thickness and provides excellent cleanliness. The resulting wipe has a textured surface that promotes cleaning and particle removal capability, has excellent sorbency and low extractable contaminants. The unique manufacturing process gives this wipe the greatest level of intrinsic sorbency, and quickest rate of sorbency of any cleanroom compatible nonwoven wipe available.

Features and Benefits

- Textured surface promotes effective cleaning and particle removal
- Low levels of particles and extractables
- Highly sorbent
- Strong and durable

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.

PZ-44, PZ-99, PZ-100, PZ-1212

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	55	
Sorbency in water		
Intrinsic; (mL/g)	5.83	IEST-RP-CC004.2, Sec. 7.1
Extrinsic; (mL/m ²)	322	IEST-RP-CC004.2, Sec. 7.1
Sorptive rate; (seconds)	< 1	
Non-volatile residue, NVR		IEST-RP-CC004.2, Sec. 6.1.2
In deionized water; (g/m ²)	0.024	
In isopropanol; (g/m ²)	0.010	
Specific ions		IEST-RP-CC004.2, Sec. 6.2.2
Sodium; (ppm)	19.3	
Chloride; (ppm)	174.7	
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)	25.3	
Fibers > 100µm; (x10 ³ /m ²)	10.7	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.

Revision date: 02/04/10



P.O. Box 530
 Spartanburg, SC 29304 USA
 Phone: +1-864-503-8333
 Fax: +1-864-503-8444
 Toll free US, Canada, PR: 1-800-289-5762

Customer Service
 United States: 1-866-855-4682
 Europe/Asia: +1-864-699-8257
 e-mail: wipers@contecinc.com
 www.contecinc.com