



Amplitude™ Optic Wipe

Absorbent nonabrasive optical-grade cellulose wipe

Description

The Amplitude Optic wipe is a 100% cellulosic nonwoven wipe. The wipe consists of long staple cellulosic fibers which are wet laid in a paper making process to form an extremely clean sheet. It features very low extractables levels and moderate particle generation. The nonabrasive surface texture is absorbent and optical-grade. Designed for delicate cleaning of optical products and microminiature electronic components. It can also be used as a lining for cleanroom surfaces and trays.

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	16.6	
Sorbency in water		
Intrinsic; (mL/g)	4.79	IEST-RP-CC004.2, Sec. 7.1
Extrinsic; (mL/m ²)	79.2	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)	0.0238	
In isopropanol; (g/m ²)	0.0110	
Specific ions		IEST-RP-CC004.2, Sec. 6.2.2
Sodium; (ppm)	199.83	
Chloride; (ppm)	0	
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)	42.42	
Fibers > 100µm; (x10 ³ /m ²)	0.517	IEST-RP-CC004.2, Sec. 5.2

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

Part Number	Description	Packaging
C6-99	Amplitude Optic Wipe, 9" x 9" (23 x 23cm)	500 wipes/bag; 25 bags/case
C6-1212	Amplitude Optic Wipe, 12" x 12" (30 x 30cm)	500 wipes/bag; 20 bags/case
C6-17.5x17.5	Amplitude Optic Wipe, 17.5" x 17.5" (44 x 44cm)	500 wipes/bag; 10 bags/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.

Revision date: 02/03/10
ETR 1365



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