

COBALT BLUE™ NT1 DRY WIPES

VALIDATED STERILE NONWOVEN CLEANROOM WIPES

Technical Data Sheet

Description

COBALT BLUE NOVA-TECH 10 STERILE™ is a low-linting wipe made of a synergistic blend of virgin polyester and cellulose that is hydroentangled into a uniform, super-tough fabric. These wipes are converted in a class 100 cleanroom. Made in the USA.

- Validated to SAL (Sterility Assurance Level) of 10⁻⁶ in accordance with standards and recommended practices of the ANSI/AAMI/ISO 11137:2006 guidelines
- Cobalt-60 Gamma Irradiated
- Meets and exceeds <USP>797 and <USP>800 requirements for critical contamination control
- Each package is identified with a lot number for traceability
- Each case includes a Certificate of Sterility



Performance Characteristics:

Test	Value
Basis Weight (g/m^2) (D3776-96 (2002) ASTM International)	68 ± 3 gsm
Thickness	0.30 mm
Density	> 880 kg / m ²
Absorbency Rate & Capacity	
Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)	288 mL/m ²
Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)	0.8 sec
Performance Characteristics	
Particles	
LPC ($\geq 0.5\mu m$) (IEST-RP-CC004.3, Sec 6.1.4)	82.42 x 10 ⁶ counts/m ²
APC ($\geq 0.5\mu m$) (IEST-RP-CC003.2, Helmke drum @ 10 rpm)	5.74 x 10 ³ counts/m ² /cfm
Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2) DI	
water extractant	0.091 mg/g
IPA extractant	0.431 mg/g
Ions (IEST-RP-CC004.3, Sec 7.2.2)	
Chloride (Cl)	0.0012 mg/g
Sulphate (SO ₄)	No detection
Sodium (Na)	No detection
Potassium (K)	No detection
Magnesium (Mg)	0.0500 mg/g
Calcium (Ca)	0.0660 mg/g
Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1)	No Silicone oil, Amide, DOP detected

Packaging:

SKU #	Size	Wipes/Bag	Packaging	Country of Origin
NT1-99CB (Made in USA)	9" X 9"	25	6 Bags/Master Bag, 10 Master Bags/Case	USA
NT1-1212CB (Made in USA)	12"x12"	20	6 Bags/Master Bag, 7 Master Bags/Case	USA

The above is typical physical property test data applicable to the sample reference name and should not be construed as a specification.

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