

FREE-SAT® FS-NT1

Presaturated Poly-Cellulose IPA Wipes



Technical Data Sheet

Description

FREE-SAT® NOVA-TECH® cleanroom wipes are made from a hydroentangled non-woven material composed of 45% polyester and 55% cellulose and presaturated with isopropyl alcohol. These wipes are manufactured in a cleanroom environment and cleanroom packaged.



Performance Characteristics:

Test	Value
Basis Weight (g/m ²)	68 gsm
Thickness	0.30 mm
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
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
Releasable Particles	
LPC ≥ 0.5 µm (IEST-RP-CC004.3, Sec 6.1.4)	82.42 x 10 ⁶ counts/m ²
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	Saturation	Wipes/Unit	Units/Case
FS-NT1-77	7" x 7"	70% IPA / 30% DI Water	100	12
FS-NT1-77.99	7" x 7"	99% IPA / 1% DI Water	100	12
FS-NT1-77.9010	7" x 7"	90% IPA / 10% DI Water	100	12
FS-NT1-77.10	7" x 7"	10% IPA / 90% DI Water	100	12
FS-NT1-99	9" x 9"	70% IPA / 30% DI Water	75	12
FS-NT1-712	7" x 12"	70% IPA / 30% DI Water	75	12
FS-NT1-712.50.18	7" x 12"	50% IPA / 50% DI Water	75	12
FS-NT1-69ECO	6" x 9"	70% IPA / 30% DI Water	100 Wipes/Roll	3 Canisters/Case, 18 Roll Refills/Case
FS-NT1-69.9C	6" x 9"	70% IPA / 30% DI Water	100 Wipes/Roll	9 Canisters/Case
FS-NT1-69.96	6" x 9"	96% IPA / 4% DI Water	100 Wipes/Roll	9 Canisters/Case
SS-NT1-77	7" x 7"	Dry, Self-Saturate	100	12
FS-NT1-912CB (Sterile)	9" x 12"	70% IPA / 30% DI Water	35	20
FS-NT1-912.60CB (Sterile)	9" x 12"	70% IPA / 30% DI Water	60	12

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

Disclaimer: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability and fitness for use. All users of the material are responsible for assuring that it is suitable for their needs, environment and end use. All data is subject to change as High-Tech Conversions deems appropriate.