

### Technical Data Sheet

#### Description

NOVA-TECH™ cleanroom wipes are made from a hydroentangled nonwoven material composed of 45% polyester and 55% cellulose. These wipes are manufactured in a cleanroom environment and cleanroom packaged.

- Wiping and cleaning all aspects of cleanroom
- Controlling spills
- Removal of solutions such as disinfectants, adhesives, residues, etc.



#### Performance Characteristics:

Test	Value
<b>Basis Weight</b> (g/m <sup>2</sup> )	68 gsm
<b>Thickness</b>	0.30 mm
<b>Absorbency Rate &amp; Capacity</b>	
Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)	288 mL / m <sup>2</sup>
Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)	0.8 sec
<b>Non-volatile Residue, NVR</b> (IEST-RP-CC004.3, Sec 7.1.2)	
Non-volatile Residue (NVR) in DI water extractant (IEST-RP-CC004.3, Sec 7.1.2)	0.091 mg/g
Non-volatile Residue (NVR) in IPA extractant (IEST-RP-CC004.3, Sec 7.1.2)	0.431 mg/g
<b>Releasable Particles</b>	
LPC ≥ 0.5 µm (IEST-RP-CC004.3, Sec 6.1.4)	82.42 x 10 <sup>6</sup> counts/m <sup>2</sup>
Fiber Count > 100 microns (thousands / m <sup>2</sup> )	14.3
<b>Ions</b> (IEST-RP-CC004.3, Sec 7.2.2)	
Chloride (Cl)	0.0012 mg/g
Sulphate (SO <sub>4</sub> )	No detection
Sodium (Na)	No detection
Potassium (K)	No detection
Magnesium (Mg)	0.0500 mg/g
Calcium (Ca)	0.0660 mg/g
<b>Organics by FTIR</b> (IEST-RP-CC004.3, Sec 7.2.1)	No Silicone oil, Amide, DOP detected

#### Packaging:

ITEM	Size	Packaging
NT1-44 (Made in USA)	4" x 4"	1200 wipes/bg, 12 bgs/cs
NT1-66 (Made in USA)	6" x 6"	600 wipes/bg, 10 bgs/cs
NT1-77 (Made in USA)	7" x 7"	330 wipes/bg, 18 bgs/cs
NT1-99 (Made in USA)	9" x 9"	300 wipes/bg, 12 bgs/cs
NT10-99 (Made in China)	9" x 9"	300 wipes/bg, 12 bgs/cs
NT1-1212 (Made in USA)	12" x 12"	150 wipes/bg, 14 bgs/cs
NT10-1212 (Made in China)	12" x 12"	150 wipes/bg, 14 bgs/cs
NT1-1818 (Made in USA)	18" x 18"	150 wipes/bg, 5 bgs/cs
NT1-99CB (Sterile) (Made in USA)	9" x 9"	25 wipes/bg, 6 bgs/master bg - 10 master bgs/cs
NT1-1212CB (Sterile) (Made in USA)	12" x 12"	20 wipes/bg, 6 bgs/master bg - 7 master bgs/cs

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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