

Nonwoven Polyester/ Cellulose Wipes



Description

The Nonwoven Polyester/Cellulose is a hydroentangled 45% Polyester and 55% Cellulose nonwoven wipe designed for applications that require the unique combination of superior strength and exceptional sorbency. These are a perfect wiping material for spill control and general purpose wiping.

Features

- Made of hydroentangled 45% Polyester and 55% Cellulose
- Combines the strength of polyester with the absorbency of long cellulose fibres
- Cleanroom processed and packaged to reduce particles
- Smooth, highly sorbent and durable
- Works well with IPA and other solvents



Applications

- Recommended for use in ISO class 3-6 cleanroom environment
- General purpose wiping and polishing of surface areas, including optics
- Excellent for use in Pharmaceutical, Biotech & medical device manufacturing markets
- Available sterile by Gamma Irradiation

Performance Characteristics

Basis Weight	68gsm
Thickness (micrometer)	0.30mm
Absorbency (IEST-RP-CC 004.3)	
Sorptive capacity	288 ml/m ²
Rate (Drop Disappearance mtd.)	< 0.8 sec

Contamination Characteristics

Nonvolatile Residue, NVR (IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter)	
IPA Extractant	0.431mg/g
DIW Extractant	0.091mg/g

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FTIR

Ion Content
(IEST-RP-CC 004.3, Thorough Extraction Method)%

ION Content (IEST-RP-CC 004.3, short term extraction)	
Sodium (Na)	0.0012mg/g
Potassium (K)	ND
Magnesium (Mg)	ND
Calcium (Ca)	ND
Chloride (Cl)	0.0500mg/g
Sulphate (SO ₄)	0.0660mg/g

Releasable Particles

LPC (>0.5um) (IEST-RP-CC 004.3-orbital shake mtd)	82.42 x 10 ⁶ particles/m ²
APC (Helmke Drum Test @10rpm); >0.5um (IES-RP-CC003.2)	300 counts/pc/cfm -9" x 9" 5.67 x 10 ³ counts/m ² /cfm

NOTE:

*Data shown are typical values and should not be used as specifications.

Product Code	Description	Pack Size	Additional Notes
RND 600-00185	12"x12" Poly/Cellulose Wipe	Pack of 100	Non-Sterile
RND 600-00182	12"x12" Poly/Cellulose Wipe	Pack of 100	Sterile