

Cleanroom Wipes

55% Cellulose / 45% Polyester

Physical Properties

Material	55% cellulose, 45% polyester
Knit type	Hydroentangled nonwoven
Edge design	Cold knife cut
Cleanroom compatibility	ISO 6-7
Packaging	Vacuum-packed, solvent safe polyethylene
Launder and package environment	ISO Class 5 cleanroom

Technical Performance

Attribute	Value	Unit	Test Method
Basis weight	56	g/m ²	TAPPI T-410
Absorbency			
Sorptive Capacity	331	mL/m ²	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Efficiency	5.22	mL/g	
Sorptive Rate	0.3	second	
Particle Counts			
LPC: ≥ 0.5 µm	494.5	10 ⁶ particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
Fibers: > 100 µm	212700	fibers/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.2
Non-Volatile Residue			
IPA Extractant	0.0001	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
Extractable Counts (Ions)			
Sodium (Na⁺)	14.88	ppm	IEST-RP.CC004.3, Sec. 7.2.2
Potassium (K⁺)	5.36	ppm	
Calcium (Ca²⁺)	8.93	ppm	
Fluoride (F⁻)	< 0.09	ppm	
Nitrite (NO₂)	< 0.01	ppm	
Bromide (Br⁻)	< 0.06	ppm	
Magnesium (Mg²⁺)	< 0.12	ppm	
Ammonium (NH₄⁺)	< 0.03	ppm	
Nitrate (NO₃⁻)	< 1.19	ppm	
Phosphate (PO₄³⁻)	< 0.12	ppm	
Chloride (Cl⁻)	23.80	ppm	
Sulfate (SO₄²⁻)	23.81	ppm	



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