

InnoClean™ Wipes

4000 Series – 220 gsm

Laser-cut Microfiber Wipes

Description

Microfiber wipes are knitted with blended nylon and ultrafine polyester materials. This type of wipes has superior absorbency and the knitting configuration which improves pickup of contaminants from glass, metal and ceramic surfaces. Recommended for ISO 5-7 (Class 100 - 10,000) cleanroom environments.



Technical Data

Attributes	Value	UOM	Test Method
Basis Weight	238	grams/m ²	IEST-RP-CC004.3
Absorbency Capacity			IEST-RP-CC004.3, Sec.8.1
Intrinsic	1.63	mL/grams	
Extrinsic	388	mL/m ²	
Absorbency Rate	1	seconds	IEST-RP-CC004.3, Sec.8.2
Liquid Particle Count at 0.5µm (Biaxial)	19	particles x 10 ⁶ /m ²	IEST-RP-CC004.3, Sec.6.2.1
Fibers >100µm	3,285	particles/m ²	IEST-RP-CC004.3, Sec.6.1.3/Sec.6.2.2
Non-volatile Residue (NVR)			IEST-RP-CC004.3, Sec.7.1.1
Extract with IPA	0.4725	grams/m ²	
Extract with DIW	0.1547	grams/m ²	
Specific Ions			IEST-RP-CC004.3, Sec.7.2.2
Chloride	≤1.0	ppm	
Potassium	≤1.0	ppm	
Sodium	≤1.0	ppm	

4000 Series Products

Part Number	Description	EA/IB	IB/OB	EA/OB	OB/CS
IW4224	4" x 4" (10.2 x 10.2 cm), stacked	100	1	100	20
IW4226	6" x 6" (15.2 x 15.2 cm), stacked	50	2	100	20
IW4229	9" x 9" (22.9 x 22.9 cm), stacked	100	1	100	10

** Also available in bulk packaging. We can also do customized products (sizes, quantity, packaging and etc).*

Notes:

- 1.) The test method for the product characteristics are based from IEST-RP-CC-004.3, entitled Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments.
- 2.) The data presented applies to the part numbers shown above as well as to any product that is manufactured from the same material and has undergone the same process, regardless of its product size or packaging composition.
- 3.) Values provided are of typical results and should not be considered as product specifications for these certain products.
- 4.) Product comparisons may be only be deemed as valid under the same testing methods in the same facility with similar environment.
- 5.) For other necessary data and concerns, please contact our sales representative.