

**PRODUCT**

# Integrity Economy Cleanroom Wipe

600-0011



**DESCRIPTION**

An economical low linting wipe that provides good absorption and strength even in wet applications.

PROPERTY	SPECIFICATION
Material	Tencel 10% Rayon 90%
Basis weight	40 +/- 6 g/m <sup>2</sup>
Size	25 +/- 1cm x 25 +/- 1cm
Thickness	0.27 +/- 0.05mm
Dry flex test	0.5 μm ^ ≤ 5000

**FEATURES**

- Outstanding liquid absorbency and retention
- Excellent lint-free performance (with solvent)
- Abrasion-resistant design for tough cleaning
- Low ion content, particle generation, and extractable residue
- Minimal toxic gas when incinerated
- RoHS compliant
- Bulk packed
- Material: 90% Rayon, 10% Tencel

PRODUCT CODE	DESCRIPTION	SIZE (INCH)	SIZE (MM)	QUANTITY (per pack)
600-0011	Economy Cleanroom Wipe	9 x 9	250 x 250	100

To request a quotation or for more information, please call **+1 512-713-0127**  
email [sales@integritycleanroom.com](mailto:sales@integritycleanroom.com) or visit [www.integritycleanroom.com](http://www.integritycleanroom.com)

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ANALYTE	RESULT (µm/cm <sup>2</sup> )
Fluoride (F)	0.0481
Chloride (Cl)	0.0714
Nitride (NO <sub>2</sub> <sup>-</sup> )	<0.0003
Bromide (Br)	<0.0001
Nitrate (NO <sub>3</sub> <sup>-</sup> )	0.0131
Phosphate (PO <sub>4</sub> <sup>3-</sup> )	0.0366
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	0.2247
Total Anions	0.3942

DETERMINATION	RESULT	
	µm/cm <sup>2</sup>	µm/g
NVR by IPA Extraction	0.49	301.97
NVR by Water Extraction	27.18	16892.06
NVR by Acetone Extraction	1.46	607.46
FTIR (Silicon)	0.0004	0.2745

PARTICLE SIZE (µm)	ACCUMULATIVE COUNTS/CM <sup>2</sup>				
	Data 1	Data 2	Data 3	Average	Std. Dev
0.5	8304	8395	8310	8336	51
1	3400	3541	3513	3484	75
2	2043	2120	2140	2101	51
5	1335	1383	1420	1379	42
10	608	634	664	636	28
15	194	205	214	204	10
20	52	56	56	55	3

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## TEST METHOD

### Test method

: In compliance to RoHS Directive EU 2002/95/EC

1) Preconditioning method: Total dissolved/digesting method with reference to:

- a) EPA 3052 : Microwave acid digestion for Cd, Pb and Hg
- b) EPA 3060A : Alkaline digestion for Hexavalent Chromium (Cr<sup>6+</sup>)
- c) In-house method: Solvent extraction for PBBs and PBDEs (with reference to EPA 8270)

2) Measurement Method:

- a) EPA 6010B : ICP-OES analysis for Cd, Pb, Hg
- b) EPA 7196A : Colorimetric by UV-VIS Spectrophotometry for Hexavalent Chromium (Cr<sup>6+</sup>)
- c) In-house Method : GC/MS analysis for PBBs and PBDEs  
BCTD/MC/IHM075/2004  
(with reference to EPA 8270)

**Sample Description** : 600-0011

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