



# Integrity<sup>®</sup> Cleanroom

## A4 Technical Paper

### FEATURES AND BENEFITS

- ISO 5 Cleanroom processed
- Low Chloride and other ionic contamination
- Formulated without Magnesium Silicate
- Excellent IPA resistance material
- Compatible to most inks in writing without smearing
- Ultra low ionic contamination
- Ultra low particle and fiber generation
- Excellent heat resistance material for laser printing and photocopiers
- ROHS compliant
- Available sterile by Gamma Irradiation

### APPLICATIONS

- Note taking
- Printing
- Form & Logsheet

### PHYSICAL CHARACTERISTICS

PROPERTY	TYPICAL VALUE	TEST METHOD
Basis Weight	76.7 gsm + 4%	---
Caliper	96 + 8 um	---
Surface Resistivity	5.5 x 10 10 Ohms/sq	EOS/ESD-S11.11-1993
Tear Strength (MD)	> 300 mN	Elmendorf Tear Test
Tear Strength (CD)	> 400 mN	Elmendorf Tear Test
Opacity	> 85%	---

### CONTAMINATION CHARACTERISTICS

ANION	TYPICAL VALUE	CATION	TYPICAL VALUE
Cl	0.004 ug/cm <sup>2</sup>	Li	Not Detected
F	0.012 ug/cm <sup>2</sup>	Na	0.10 ug/cm <sup>2</sup>
Br	0.002 ug/cm <sup>2</sup>	NH4	0.03 ug/cm <sup>2</sup>
NO <sup>2</sup>	Not Detected	K	0.14 ug/cm <sup>2</sup>
NO <sup>3</sup>	0.001 ug/cm <sup>2</sup>	Mg	0.08 ug/cm <sup>2</sup>
PO <sup>4</sup>	Not Detected	Ca	2.00 ug/cm <sup>2</sup>
SO <sup>4</sup>	0.041 ug/cm <sup>2</sup>		

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RELEASABLE PARTICLES	TYPICAL VALUE
Flexing test ( > 0.5 um)	20 counts/ft <sup>3</sup> /sheet
At Rest (>0.5um)	20 counts/ft <sup>3</sup> /sheet
Talc Check (by SEM-EDX)	< 5 particles

PRODUCT CODE	DESCRIPTION	COLOUR	GSM	SIZE
607-0005	Cleanroom Paper	White	75	A4
607-0001	Cleanroom Paper	Blue	75	A4
607-0002	Cleanroom paper	Pink	75	A4
607-0003	Cleanroom paper	Yellow	75	A4
607-0004	Cleanroom paper	Green	75	A4

**NOTE:**

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

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