



# Integrity® 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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# Integrity<sup>®</sup> Cleanroom

| 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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