



**Product Code –VG-7 (71107) Pre-Saturated Cleanroom Compatible Wipers**

| <b>Physical Properties</b>  | <b>Value</b>   | <b>Procedure</b>     |
|---|--|----------------------|
| Material Composition  | 100% Polypropylene Fibre   |                      |
| Colour  | White  |                      |
| Basic Weight  | 30g/m <sup>2</sup>   | 164/5061             |
| Dry Tensile Machine Direction (MD)  | 4000N/m  | 164/5321             |
| Dry Cross Direction (CD)  | 950N/m   | 164/5321             |
| Wet Machine Direction (MD)  | 3040N/m  | 164/5325             |
| Wet Cross Direction (CD)  | 730N/m   | 164/5325             |
| Elmdorf Tear (MD)   | 4040N/m  | 164/5290             |
| Dry elongation (MD)   | 20%  | 164/5321             |
| Dry elongation (CD)   | 90%  | 164/5321             |
| Absorbency<br>Intrinsic<br>Extrinsic<br>Rate  | 5.0ml/g<br>340ml/m <sup>2</sup><br>6 secs  | IES-RP-CC004.2       |
| Chemical Compatibility  | Contains no chemical binders and is not affected by most common solvents and chemicals | IES-RP-CC004.2       |
| Wipers Fluid Content  | Filtered to 0.2 Micron Isopropanol 70%<br>De-Ionised Water 30%                         | MSDS sheet available |
| <b>Extractables</b>   | <b>Value</b>   | <b>Procedure</b>     |
| Non Volatile Residues<br>Deionised Water<br>Isopropyl Alcohol   | 0.09g/m <sup>2</sup><br>0.046g/m <sup>2</sup>  | IES-RP-CC004.2       |
| Extractable Ions in Deionised Water<br>Sodium (Na+)<br>Potassium (K+)<br>Calcium (Ca+)<br>Magnesium (Mg+) | 33ppm<br>3ppm<br>290ppm<br>88ppm   | IES-RP-CC004.2       |
| Packaging   | Cleanroom packed Double bagged   |                      |
| Sterility   | Can be gamma irradiated with not less than 25kGy                                       |                      |