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## WIPER TECHNICAL DATA SHEET



**Product No.** DP-SH809G-LE

**Product Description:** Double Ply Pylon® Wiper, 2-ply 9" x 9", Microfiber & Polyester Blend, Laser cut edge.

**Features:**

- Quantum Processed®
- Solvent resistant
- High absorptive capacity and absorption rate
- USP <797> compliant
- Double –Knitted, ultrasonic welded 2-ply structure

- 75 pieces/inner bag, easy-tear outer bag, 10 bags/case, 750 pieces/case

**Applications:**

- Cleanroom Class ISO 5 – 8 environment, ISO 4 option available upon request
- Used to dry wet surfaces and remove contaminants
- Autoclavable

**Performance Characteristics**

| Property            | Typical Value         | Test Method                     | Remarks |
|---------------------|-----------------------|---------------------------------|---------|
| Basis Weight        | 270 g/m <sup>2</sup>  | SJ/T 11480-2014 4.3             |         |
| Thickness           | 0.8 mm                | GB/T 24218.2-2009               |         |
| Sorptive Capacity   | 642 ml/m <sup>2</sup> | IEST-RP-CC004.3 (2004) 8.1, 8.2 |         |
| Sorptive Rate (IPA) | 0.44 sec.             | IEST-RP-CC004.3 (2004) 8.1, 8.2 |         |

**Contamination Characteristics**

| Property                      | Typical Value                 | Test Method                  | Remarks        |
|-------------------------------|-------------------------------|------------------------------|----------------|
| LPC ≥ 0.5 μm                  | 725 particles/cm <sup>2</sup> | IEST-RP-CC004.3(2004) 6.1.4  |                |
| APC ≥ 0.5 μm                  | 6 counts/9"x9" piece          | IEST-RP-CC003.4 (2011) B2.4  |                |
| NVR (IPA)                     | 0.2491 mg/g                   | IEST-RP-CC004.3 (2004) 7.1.2 |                |
| Silicon                       | ND                            | IEST-RP-CC004.3 (2004) 7.2.1 |                |
| Amine                         | ND                            | IEST-RP-CC004.3 (2004) 7.2.1 |                |
| DOP                           | ND                            | IEST-RP-CC004.3 (2004) 7.2.1 |                |
| SO <sub>4</sub> <sup>2-</sup> | 0.209 ppm                     | IEST-RP-CC004.3 (2004) 7.2.2 | MDL = .001 ppm |
| Chloride <sup>-</sup>         | 0.065 ppm                     | IEST-RP-CC004.3 (2004) 7.2.2 | MDL = .001 ppm |

**Note:** Data in this table represents typical analyses of these wipers at time of publication.  
 Q-Leap lab meets ISO 17025 Standards for testing cleanroom materials.  
 Q-Leap production facility is ISO 9001:2008 and ISO 14001:2004 certified.