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WIPER TECHNICAL DATA SHEET

Part No.: QL-1009S-LE

Product Description: 9"x9", laser cut and sealed edge, interlock, double-knitted polyester wiper.

Features:

- Cleanroom processed from yarn knitting, laundry, cutting to packaging (Quantum Process)
- Solvent resistance
- High absorptive capacity
- Laser cut edge
- 150 Pcs/Inner bag, 150 Pcs/outer bag, 10 outer bags/case (1,500 pcs/case)

Applications:

- General purpose wiping and moping
- Spill control
- Washable and autoclaveable
- Cleaning and polishing stainless steel parts
- Cleanroom ISO Class 4

Performance Characteristics

Property	Typical Value	Test Method	Remarks
Basis Weight	160 g/m ²	SJ/T 11480-2014 4.3	
Thickness	0.65 mm	GB/T 24218.2-2009	
Sorptive Capacity	405.83 ml/m ²	IEST-RP-CC004.3 (2004) 8.1, 8.2	
Sorptive Rate (IPA)	0.38 sec.	IEST-RP-CC004.3 (2004) 8.2, 8.2	

Contamination Characteristics

Property	Typical Value	Test Method	Remarks
LPC ≥ 0.5 μm	223 particles/cm ²	IEST-RP-CC004.3 (2004) 6.1.4	
APC ≥ 0.5 μm	28 particles/9"x9" piece	IEST-RP-CC003.4 (2011) B2.4	
Silicone Oil	ND	IEST-RP-CC004.3 (2004) 7.2.1	
Amine	ND	IEST-RP-CC004.3 (2004) 7.2.1	
NVR (IPA)	0.0161 mg/g	IEST-RP-CC004.3 (2004) 7.1.2	
NVR (DIW)	0.0128 mg/g	IEST-RP-CC004.3 (2004) 7.1.2	
Sodium ⁺	0.064 ppm	IEST-RP-CC004.3 (2004) 7.2.2	MDL=.001 ppm
Potassium ⁺	0.029 ppm	IEST-RP-CC004.3 (2004) 7.2.2	MDL=.001 ppm
Chloride ⁻	0.056 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. Based on test report No. SUO150212002

Q-Leap lab meets ISO 17025 Standards for testing cleanroom materials.

Q-Leap production facility is ISO 9001:2008 and ISO 14001:2004 certified.