



1525 N. Endeavor Place, Suite E, Anaheim, CA 92801

Tel: (714) 635-2222, Fax: (714) 635-2223, WWW.Q-leap.us

## WIPER TECHNICAL DATA SHEET

**Part No.:** QL-0604-M, QL-0609-M and QL-0612-M

**Product Description:** Medium Duty, 60 grams/m<sup>2</sup>, 4"x4", 9"x9" and 12"x12" Non-Woven wiper, 50% Cellulose-50% Polyester.

**Packaging:**

- 4"x4": 300 pcs/pack, 4 packs/bag, 10 bags/case. 12,000 pcs/case
- 9"x9": 150 pcs/pack, 2 packs/bag, 10 Bags/case. 3,000 pcs/case
- 12"x12": 150 Pcs/pack, 1 pack/bag, 10 Bags/case. 1,500 pcs/case

**Features:**

- Cleanroom processed cutting to packaging
- Solvent resistance
- High absorptive capacity
- USP <797> compatible
- Can be  $\gamma$ -Ray sterilized as optional (Minimum order quantity required)

**Applications:**

- General purpose wiping
- Spill control
- Cleanroom ISO Class 6 – 8 compatible

**Performance Characteristics**

Property	Typical Value	Test Method	Remarks
<b>Basis Weight</b>	60 g/m <sup>2</sup>	SJ/T 11480-2014 4.3	+/- 5 g/m <sup>2</sup>
<b>Sorptive Capacity</b>	315.6 ml/m <sup>2</sup>	IEST-RP-CC004.3 (2004) 8.1, 8.2	
<b>Sorptive Rate (DIW)</b>	0.33 sec.	IEST-RP-CC004.3 (2004) 8.2, 8.2	
<b>Sorptive Rate (IPA)</b>	0.35 sec.	IEST-RP-CC004.3 (2004) 8.2, 8.2	

**Contamination Characteristics**

Property	Typical Value	Test Method	Remarks
<b>LPC <math>\geq</math> 0.5 <math>\mu</math>m</b>	3,152 particles/cm <sup>2</sup>	IEST-RP-CC004.3 (2004) 6.1.4	
<b>APC <math>\geq</math> 0.5 <math>\mu</math>m</b>	649 particles/9"x9" piece	IEST-RP-CC003.4 (2011) B2.4	
<b>NVR (IPA)</b>	0.235 mg/g	IEST-RP-CC004.3 (2004) 7.1.2	
<b>NVR (DIW)</b>	1.241 mg/g	IEST-RP-CC004.3 (2004) 7.1.2	
<b>Sodium<sup>+</sup></b>	1.27 ppm	IEST-RP-CC004.3 (2004) 7.2.2	MDL=.001 ppm
<b>Chloride<sup>-</sup></b>	2.62 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.