

# Thomas Scientific M1 Lite Polyester Cellulose Wipers

This highly absorbent general-purpose wiper is low linting solution for fluid management and wiping in tight corners and crevices.

Product	Model	Edge Finish	Wiper Size	Packaging
21A00P817	M1-C30L44	Standard	4" x 4" (10.1cm x 10.1cm)	1200 ea/bag; 10 bags/ case Flat-stacked
21A00P818	M1-C30L66	Standard	6" x 6" (15.2cm x 15.2cm)	300 ea /bag, 10 bags/ cs Flat stacked
21A00P819	M1-C30L99	Standard	9" x 9" (23cm x 23cm)	300 ea/bag;10 bags/case Flat-stacked
21A00P820	M1-C30L12	Standard	12" x 12" (30.5cm x 30.5cm)	150 ea/bag;10 bags/case Flat-stacked
21A00P821	M1-C30L1818	Standard	18" x 18" (45.7cm x 45.7cm)	75 ea/bag; 10 bags/ cs Flat-stacked

## Purity Specifications

Particles & Fibers	Upper Limit*
Particles >0.50um	< 80.0
Particles >5.0um	< 0.26

\* x 10<sup>6</sup> particles/m<sup>2</sup>

\*Particles: IEST-RP-CC004.3 Section 6.1.4

Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

## Nonvolatile Residue

Extractant	Upper Limit*
IPA	<0.006 g/m <sup>2</sup>
DI Water	<0.070 g/m <sup>2</sup>

\*IEST-RP-CC004.3 Section 7.1.2

## Physical Properties

<b>Basis</b>	56 g/m <sup>2</sup>
<b>Weight</b>	
<b>Material</b>	100% Polyester/Cellulose
<b>Absorbency</b>	Extrinsic Capacity: >280 ml/m <sup>2</sup> Intrinsic Capacity: >4.0 ml/g Rate: <1 sec

## Extractables

Ion	Upper Limit*
Sodium (Na <sup>+</sup> )	<50 ppm
Potassium(K <sup>+</sup> )	<30 ppm
Calcium (Ca <sup>2+</sup> )	<30 ppm
Chloride (Cl <sup>-</sup> )	<30 ppm
Magnesium (Mg <sup>2+</sup> )	<30 ppm

\*IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

