

# KM Non-Woven Wiper

## Non-Woven Sheet Wiper for Clean Environment

### Description

WW-2109 made of Polyester and Cellulose by high pressure water jet is excellent in hydrophile property and absorbs liquid well. Even the cleaning on the rough surface is lint-free and it is a non-woven wiper that is excellent in contamination control.

### Feature

- Light weight, high absorbency compared to the thickness
- High absorption rate, quick absorption speed
- As Eco-friendly products, toxic gas generation control when incineration
- High absorption force compared to Polyester & Micro-denier fabric
- A solid structure, excellent durability of abrasion and resistant to physical shock and friction

### Application

- Cleaning of cleanroom and parts of assembly line, equipment and floors
- Pre-cleaning of process equipment and kinds of parts for equipment
- Frame cleaning of various equipment
- Cleaning of access floors, parts, equipment and the surface in cleanroom

### Product Environment

- Clean wiper produced in cleanroom
- Customer quality satisfaction through continuous cleanroom management
- Strict quality control based on ISO 9001:2008 quality standard



### Product

Name	Description	Packaging
WW-2109	9" x 9"	300sh/bag, 10bag/box
WW-2112	12" x 12"	100sh/bag, 10bag/box

## KM Non-Woven Wiper WW-2109

Property	Unit	SPEC	Value	Test Method	Remarks
Material	-	-	-	Polyester + Cellulose	Polyester 45% + Cellulose 55%
Length	MD				
	TD				
	Mm	230±10	230.6	JIS L 1096 8.3	-
Weight	g/sh	3.7±0.4	3.84		-
	g/m <sup>2</sup>	70±7	72.28	JIS L 1096 8.4	-
Thickness	μm	340±20	352.22	JIS L 1096 8.5	-
Horizontal Time to Sorption	sec/6ø	≤4	1.36	IEST-RP-CC004.2 7.2	-
Absorbency	ml/m <sup>2</sup>	≥300	349.06		-
	ml/g	≥4.3	4.82	IEST-RP-CC004.2 7.1	-
NVR	Grade	≥B	A	IEST-RP-CC004.3 7.1.2	Dust Spot Method Grade : A > B > C
LPC	≥0.5μm, ea/cm <sup>2</sup>	≤5.67 x 10 <sup>3</sup>	3.41 x 10 <sup>3</sup>	IEST-RP-CC004.3 6.1.3	Liquid Particle_ Orbital Shake Particle Channel_ 0.5~20μm
Fiber	≥100μm, ea/cm <sup>2</sup>	≤30	1.67	IEST-RP-CC004.3 6.2.2.2	-

KM is the Only Clean Products company to be ISO 9001:2008, 14001:2004, 13485:2003, and OHSAS 18001:2007 registered.

## KM Non-Woven Wiper WW-2112

Property	Unit	SPEC	Value	Test Method	Remarks
Material	-	-	-	Polyester + Cellulose	Polyester 45% + Cellulose 55%
Length	MD				
	Mm	300±10	300.6	JIS L 1096 8.3	-
	TD				
Weight	g/sh	6.3±0.6	6.5		-
	g/m <sup>2</sup>	70±7	72.28	JIS L 1096 8.4	-
Thickness	μm	340±20	352.22	JIS L 1096 8.5	-
Horizontal Time to Sorption	sec/6ø	≤4	1.36	IEST-RP-CC004.2 7.2	-
Absorbency	ml/m <sup>2</sup>	≥300	349.06		-
	ml/g	≥4.3	4.83	IEST-RP-CC004.2 7.1	-
NVR	Grade	≥B	A	IEST-RP-CC004.3 7.1.2	Dust Spot Method Grade : A > B > C
LPC	≥0.5μm, ea/cm <sup>2</sup>	≤5.67 x 10 <sup>3</sup>	3.41 x 10 <sup>3</sup>	IEST-RP-CC004.3 6.1.3	Liquid Particle_ Orbital Shake Particle Channel_ 0.5~20μm
Fiber	≥100μm, ea/cm <sup>2</sup>	≤30	1.67	IEST-RP-CC004.3 6.2.2.2	-

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