



Specification Sheet

Description : Sontara Wipes
Model : MP-Knit
Part No. : 5327-0001

Features

MP Knit™ is specially designed for class 10 - 100 cleanroom environment. It manages every step from fabric manufacturing through to packaging to reduce product contamination.

Characteristics

Extremely low in both particles and fibres.

Strong, solvent resistant 100% polyester.

Abrasion and chemical resistant.

Sealed edges prevent particle or lint generation.

Unique aperture pattern.

Double packaged in bags.

Application

Class 10 - 100 cleanroom for Semiconductor, LCD, Electronics manufacturing.

Picking up liquid spills in the cleanroom.

Polishing and cleaning of relays, contacts and switches.

Cleaning lab apparatus.

Dimension

9" x 9" (229 mm x 229 mm)

150 Wipes / bag

8 bags / Carton



Properties	Results	Unit	Test Method
Basic Weight	130	g/m ²	TM D3776 /JIS-L-1096 8.4 / KS K 05
Absorbency Capacity	>350	ml/m ²	IES-RP-CC004.2 7.1
Absorbency Efficiency	2.67	ml/g	KS K 0215 7.1.TWTM #3
Absorbency Time to sorption	<3	sec	WWTM-006/007
Tensile Strength Machine direction (MD)	70.7	kg	ASTM D5034
Tensile Strength Cross direction (XD)	66.5	kg	ASTM D5034
Thickness (µm)	490 +/- 10	µm	

Contamination Characteristics

Particle (>0.5 µm & > 0.3 µm)

Orbital Shake, SEM	18.5 x 10 ⁶	ea/m ² , >0 .5	IES-RP-CC004.2 5.2
Dry Flex	<60	ea/cft, > 0.3 µm	JIS-B-9923 6.2 Tumbling

NVR

Di Water	0.02	g/m ²	IES-RP-CC04.2 6.1
IPA	0.1	g/m ²	IES-RP-CC04.2 6.1

Extractable Ions

Na	0.2	ppm	IES-RP-CC004.2 6.2
K	0.05	ppm	IES-RP-CC004.2 6.2
Cl	0.3	ppm	IES-RP-CC004.2 6.2
NO ₂	0.01	ppm	IES-RP-CC004.2 6.2