

# DuPont™ MP Knit™

## Cleanroom Wipe

DuPont™ 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 fibers.
- Strong, solvent resistant blend of polyester.
- Abrasion and chemical resistant.
- Sealed edges prevent particle or lint generation.
- Unique aperture pattern.
- Double packaged in bags.

### Recommended for

- 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.

### Offerings

- 150 wipes / bag, 9" x 9" ( 22.9 cm x 22.9 cm )
- 8 bags / carton



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## Technical Data

Performance Characteristics	Test method	Results
Basis weight (g/m <sup>2</sup> )	ASTM D3776 / JIS-L-1096 8.4 / KS K 0514	130
Absorbency		
Capacity (ml/m <sup>2</sup> )	IES-RP-CC004.2 7.1	>350
Efficiency (ml/g)	KS K 0215 7.1.TWTM #3	2.67
Time to sorption (sec.)	WWTM-006/007	<3
Tensile strength (kg)	ASTM D5034	
Machine direction (MD)		70.7
Cross direction (XD)		66.5
Thickness (µm)	WWTM-004	490±10µm
<b>Contamination Characteristics</b>		
Particle (>0.5µm & >0.3µm)		
Orbital shake, SEM (ea/m <sup>2</sup> , >0.5)	IES-RP-CC004.2 5.2	18.5x10 <sup>5</sup>
Dry flex (ea/cft, >0.3µm)	JIS-B-9923 6.2 Tumbling	<60
NVR (g/m <sup>2</sup> )	IES-RP-CC004.2 6.1	
DI water		0.02
IPA		0.1
Extractable Ions (ppm)	IES-RP-CC004.2 6.2	
Na		0.2
K		0.05
Cl		0.3
NO <sub>2</sub>		0.01

Nominal values corresponding to our current knowledge, for guidance only.

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