



Micro fibre wiper PRT 2091NV / PRT 20151NV 4 sealed-border by laser heat

The yarn of PRT-20151NV is made of synthetic polyester and nylon. It has interlock knit structure, used ultra fine yarn. The wiper is resistant to many chemicals. Its unique knit construction gives maximum surface coverage for uniform wiping. Because of soft, tactile properties it's usable for delicate objects like optics. It is washed by 170m de-ionized water and packaged in class 10 cleanroom environment. All processes are strictly controlled by QC standard. Designed for use in class 1-100 cleanroom environments.

Technical data of PRT 20151NV 15" x 15"

Test item	Value	Unit	Test description
Weight	> 34.910	g/sh	PTM-02 Measures the mass per unit area of a sheet of a wiper
	> 240	g/m ²	
Thickness	0.48 – 0.58	mm	PTM-03 Measures the thickness of a wiper
Absorbency capacity 1	> 1.80	ml/g	PTM-04-3* Measures the volume of liquid absorbed per unit gram of a wiper
Absorbency capacity 2	> 450	ml/m ²	PTM-04-2* Measures the volume of liquid absorbed per basic unit (m ²) area
Air particle	< 840	ea/ft ³ (10 sheets)	PTM-06 Measures how many particles can potentially be generated when handling a dry wiper. The results are expressed as particles >0,3µ per determined time (60 sec.)
Liquid particle	< 840	ea/ml (1 sheet)	PTM-09 Measures how many particles can potentially be generated when handling a wet wiper. The results are expressed as particles > 0.5µ
Lint (mono filament)	< 30	ea/1 sh	PTM-08 Measures microscopically the fiber released into filter after a wiper is washed in water using a sonicator for the determined minutes. The results are expressed as fibers > 100µ
Positive Ion (Na, Ca)	< 5.00	ppm	Entrust Ion test to the authorized facilities periodically. The results are stated in parts per million.
Negative Ion (Cl, PO ₄ , SO ₄)	< 5.00	ppm	

* Test methods are KS A-3109

PTM: Puritech Test Method

PTM procedures available upon request. As mentioned data represent typical analyses of these wipers at present. These are not specifications.

Size / article-no.: / PU: 9"x9" / RTPRT2091NV / 50 pcs.

Size / article-no.: / PU: 15"x15" / RTPRT20151NV / 10 pcs.

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