



**ESSENTRA**  
POROUS TECHNOLOGIES

## XC-Pinsonic

Laundered, two layers of 100% continuous filament polyester fiber quilted together by ultrasonic welding. Edges are laser cut and sealed.

Property	Typical Value	Test Method
<b>Basis Weight</b>		
(oz/yd <sup>2</sup> )	7.1	
(g/m <sup>2</sup> )	241	
<b>Thickness</b>		
(mils)	28	
(mm)	0.711	
<b>Sorbency Capacity</b>		
Intrinsic (mL/g)	3.19	IEST-RP-CC004.3
Extrinsic (mL/m <sup>2</sup> )	766	IEST-RP-CC004.3
<b>Nonvolatile Residue (NVR) (mg/g)</b>		
Deionized Water	0.0028	IEST-RP-CC004.3
Isopropyl Alcohol	0.0156	IEST-RP-CC004.3
<b>Ions (ppm)</b>		
Sodium	0.696	IEST-RP-CC004.3
Chloride	1.145	IEST-RP-CC004.3
<b>Particles (million/m<sup>2</sup>)</b>		
> 0.5 µm	6.5	IEST-RP-CC004.3
<b>Fibers (fibers/m<sup>2</sup>)</b>		
>100 µm	740	IEST-RP-CC004.3

Notes:

- 1) Data shown are typical values and should not be used as product specifications.
- 2) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions. Current and/or comparison data may be available. Please contact an Essentra representative for details.
- 3) Essentra Porous Technologies makes general recommendations on which wipers are suitable for different cleanroom classifications. However, specific applications may affect that recommendation. The final decision should be made by the end user for their particular application.

Effective: 11/07

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