



ESSENTRA
POROUS TECHNOLOGIES

C1

Hydroentangled blend of 55% cellulose / 45% polyester.

Property	Typical Value	Test Method
Basis Weight		
(oz/yd ²)	2.0	
(g/m ²)	68	
Thickness		
(mils)	12	
(mm)	0.305	
Sorbency Capacity		
Intrinsic (mL/g)	4.70	IEST-RP-CC004.3
Extrinsic (mL/m ²)	317	IEST-RP-CC004.3
Nonvolatile Residue (NVR) (mg/g)		
Deionized Water	0.673	IEST-RP-CC004.3
Isopropyl Alcohol	0.157	IEST-RP-CC004.3
Ions (ppm)		
Sodium	1.43	IEST-RP-CC004.3
Chloride	9.06	IEST-RP-CC004.3
Particles (million/m²)		
0.5 - 5.0 µm	136	IEST-RP-CC004.3
5.0 - 100 µm	8.8	IEST-RP-CC004.3
Fibers (fibers/m²)		
>100 µm	933,000	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: 03/2012

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