



Innovative  
Contamination  
Solutions

Document Title:	Teknisat C of C
Document Number:	FM-8.2.4-2
Approved By:	Eric Hilkman
Revision Date:	February 10, 2017

## Certificate of Conformance

Wiper Code: TC3PB1S-99

Lot no 526994

### I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	145	g/m <sup>2</sup>	Weight Balance
Thickness	0.50	0.45	0.55	mm	Caliper

### II. Test for Particles ( $\times 10^6$ particle/m<sup>2</sup>) - Orbital Shake Test (IEST-RP-CC004.3 Section 6.1.4)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 0.50 $\mu$ m	3.2	< 5.0	PASS
> 5.0 $\mu$ m	0.5	< 1.0	PASS

### III. Test for Fiber /Particles >100 $\mu$ m ( $\times 10^6$ particle/m<sup>2</sup>) (IEST-RP-CC004.3 Section 6.2.2)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 $\mu$ m	108	< 400	PASS

### IV. Test for Sorbency Capacity and Rate – (IEST-RP-C004.3 Section 8.1)

Note: Unless specified the Default Test Solution is DI Water

Absorbency	Result (Ave of 3 trials)	Specs	JUDGMENT
Extrinsic Capacity (ml/m <sup>2</sup> )	415	> 410	PASS
Intrinsic Capacity (ml/g)	2.88	>2.60	PASS
Sorptive Rate(S)	< 1	< 1	PASS

### V. Test for Extractable Matters (g/m<sup>2</sup>) - Short Term Extraction (IEST-RP-CC004.3 Section 7.1.2)

Test Solution	Result (Average of 3 trials)	Specs	JUDGMENT
DI Water	0.0032	< 0.01	PASS
IPA	0.019	< 0.04	PASS

### VI. Test for Specific Extractable Ions (ug/g or ppm)

#### Standard Extraction Method (IEST-RP-C004.3 Section 7.2.2.1B)

Extractable Ion	Result(Ave of 3 trials)	Specs	JUDGMENT
Sodium (Na <sup>+</sup> )	0.15	< 0.20	PASS
Potassium (K <sup>+</sup> )	0.08	< 0.10	PASS
Calcium(Ca <sup>2+</sup> )	0.11	< 0.20	PASS
Chloride (Cl)	0.07	< 0.10	PASS
Magnesium (Mg <sup>2+</sup> )	0.07	<0.10	PASS

Tested By: Bill  
 Inspected By: 吕伟光  
 Name (Printed): Bill  
 Date of manufacture Jan. 8, 2022

