



Innovative  
Contamination  
Solutions

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

### Certificate of Conformance

Wiper Code: TZ1MF-44

Lot no 526598

**I. Physical Property Variables**

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	80	75	85	g/m <sup>2</sup>	Weight Balance
Thickness	0.25	0.20	0.30	mm	Caliper

**II. Test for Particles (x 10<sup>6</sup>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 um	45.5	< 60.0	PASS
> 5.0 um	0.21	< 0.26	PASS

**III. Test for Fiber /Particles >100um (x10<sup>6</sup>particle/m<sup>2</sup>)  
(IEST-RP-CC004.3 Section 6.2.2)**

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 um	2875	< 3500	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> )	296	> 260	PASS
Intrinsic Capacity (ml/g)	3.61	> 3.5	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	0.016	< 0.03	PASS
IPA	0.021	< 0.05	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> )	39.5	< 50.0	PASS
Potassium (K <sup>+</sup> )	8.6	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	21.5	< 30.0	PASS
Chloride (Cl)	13.2	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	17.8	<50.0	PASS

Tested By: Bill  
 Inspected By: 吕伟光  
 Name (Printed): Bill  
 Date of manufacture: Apr. 10, 2020

