

 Innovative Contamination Solutions	Document Title:	Teknisat C of C
	Document Number:	FM-8.2.4-7
	Approved By:	Ben Frazier
	Revision Date:	February 10, 2017

Certificate of Conformance

Wiper Code: TC2PU1-12

Lot No: 526425

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	142	g/ m ²	Weight Balance
Thickness	0.45	0.43	0.48	mm	Caliper

II. Test for Particles (x10⁶ particle/ m²) – Orbital Shake Test (IEST-RP-CC004.3 Section 6.1.4)

Particle Size	Result (Avg. of 3 trials)	Spec.	Judgment
>0.50 um	4.35	<5.0	Pass
>5.0 um	0.18	<0.3	Pass

III. Test for Fiber / Particles >100 um (particle/m²) (IEST-RP-CC004.3 Section 6.2.2)

Particle Size	Result (Avg. of 3 trials)	Spec.	Judgment
>100 um	381	<400	Pass

IV. Test for Sorbency Capacity & Rate – (IEST-RP-CC004.3 Section 8.1)

Absorbency	Result (Avg. of 3 trials)	Spec.	Judgment
Extrinsic Capacity	438	>400	Pass
Intrinsic Capacity	2.95	>2.8	Pass
Sorptive rate (Sec.)	<1.0	<1.0	Pass

V. Test for Extractable Matters (g/m²) – Short Term Extraction (IEST-RP-CC004.3 Section 7.1.2)

Test Solution	Result (Avg. of 3 trials)	Spec.	Judgment
DI Water	0.0051	<0.01	Pass
IPA	0.031	<0.04	Pass

VI. Test for Specific Extractable Ions (ug/g or ppm) – Standard Extraction Method (IEST-RP-CC004.3 Section 7.2.2.1B)

Extractable Ion	Result (Avg. of 3 trials)	Spec.	Judgment
Sodium (Na ⁺)	0.015	<0.02	Pass
Potassium (K ⁺)	0.005	<0.01	Pass
Calcium (Ca ²⁺)	0.012	<0.02	Pass
Chloride (Cl ⁻)	0.011	<0.02	Pass
Magnesium (Mg ²⁺)	0.013	<0.02	Pass

Tested By: 张志寿

Inspected John Chiang By:

Name (printed): John Chiang

Date of Manufacture: Nov 2.2018

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