

 Innovative Contamination Solutions	Document Title:	Teknisat C of C
	Document Number:	FM-8.2.4-7
	Approved By:	Eric Hilkman
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Certificate of Conformance

Wiper Code: TC3MBWS-99

Lot No: 527016

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	110	108	113	g/m ²	Weight Balance
Thickness	0.26	0.21	0.3	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	6.70	<8.5	Pass
>5.0 um	0.51	<1.0	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	421	<450	Pass

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

Absorbency	Result (Avg. of 3 trials)	Spec.	Judgment
Extrinsic Capacity	297	>280	Pass
Intrinsic Capacity	2.41	>2.20	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	0.027	<0.05	Pass
IPA	0.045	<0.1	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 ⁺)	0.11	<0.2	Pass
Potassium (K ⁺)	0.03	<0.1	Pass
Calcium (Ca ²⁺)	0.12	<0.2	Pass
Chloride (Cl ⁻)	0.17	<0.2	Pass
Magnesium (Mg ²⁺)	0.05	<0.1	Pass

Tested By: 张志蓉

Inspected By: for Chiang

Name (printed): John Chiang

Date of Manufacture: Jan.22.2022..