



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: TZ1PCSI-18

Lot no:526629

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	68	63	73	g/m ²	Weight Balance
Thickness	0.25	0.20	0.30	mm	Caliper

II. Test for Particles ($\times 10^6$ particle/m²) - Orbital Shake Test (*IEST-RP-CC004.3 Section 6.1.4*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 0.50 μ m	54.7	< 80	PASS
> 5.0 μ m	0.19	< 0.26	PASS

III. Test for Fiber /Particles >100 μ m ($\times 10^6$ particle/m²) (*IEST-RP-CC004.3 Section 6.2.2*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 μ m	203	< 300	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 ²)	329	> 280	PASS
Intrinsic Capacity (ml/g)	4.4	> 4.0	PASS
Sorptive Rate(S)	< 1	< 1	PASS

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

Test Solution	Result (Average of 3 trials)	Specs	JUDGMENT
DI Water	0.046	< 0.07	PASS
IPA	0.0035	< 0.006	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 ⁺)	33.5	< 50.0	PASS
Potassium (K ⁺)	11.3	< 30.0	PASS
Calcium(Ca ²⁺)	16.1	< 30.0	PASS
Chloride (Cl ⁻)	15.5	< 30.0	PASS
Magnesium (Mg ²⁺)	21.3	<50.0	PASS

Tested By: Bill

Inspected By: 吕伟光

Name (Printed): Bill

Date of manufacture May. 28, 2020

