



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: TZ1PCS1B-99

Lot no 526592

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 um	48.8	< 80.0	PASS
> 5.0 um	0.16	< 0.26	PASS

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

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 um	126	< 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)	348	> 280	PASS
Intrinsic Capacity (ml/g)	4.5	>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	0.021	< 0.07	PASS
IPA	0.0032	< 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 ⁺)	35.6	< 50.0	PASS
Potassium (K ⁺)	6.8	< 30.0	PASS
Calcium(Ca ²⁺)	15.2	< 30.0	PASS
Chloride (Cl ⁻)	9.3	< 30.0	PASS
Magnesium (Mg ²⁺)	9.6	< 50.0	PASS

Tested By: Bill

Inspected By: 

Name (Printed): Bill

Date of manufacture: Apr. 28, 2020

