



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: TC2PL1-99

Lot no 526543

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	145	g/m ²	Weight Balance
Thickness	0.45	0.40	0.50	mm	Caliper

II. Test for Particles (x 10⁶particle/m²) - Orbital Shake Test (*IEST-RP-CC004.3 Section 6.1.4*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 0.50 um	3.4	< 11.0	PASS
> 5.0 um	0.4	< 0.8	PASS

III. Test for Fiber/Particles >100um (x10⁶particle/m²) (*IEST-RP-CC004.3 Section 6.2.2*)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 um	142	< 400	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)	413	> 410	PASS
Intrinsic Capacity (ml/g)	2.91	>2.60	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	0.012	< 0.03	PASS
IPA	0.021	< 0.08	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 ⁺)	0.12	< 0.20	PASS
Potassium (K ⁺)	0.08	< 0.10	PASS
Calcium(Ca ²⁺)	0.14	< 0.20	PASS
Chloride (Cl)	0.08	< 0.10	PASS
Magnesium (Mg ²⁺)	0.07	<0.10	PASS

Tested By: Bill

Inspected By: [Signature]

Name (Printed): Bill

Date of manufacture Apr. 16, 2020

