



Innovative
Contamination
Solutions

Document Title:

Teknisat C of C

Document Number:

FM-8.2.4-2

Approved By:

Eric Hilkman

Revision Date:

February 10, 2017

Certificate of Conformance

Wiper Code: TZ1MFR-1012

Lot no:201111

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	48	44	51	g/m ²	Weight Balance
Thickness	0.22	0.20	0.25	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	55.2	< 60.0	PASS
> 5.0 um	0.15	< 0.26	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	2187	< 3500	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)	336	> 260	PASS
Intrinsic Capacity (ml/g)	3.89	> 3.5	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	0.026	< 0.03	PASS
IPA	0.033	< 0.05	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 ⁺)	35.5	< 50.0	PASS
Potassium (K ⁺)	14.3	< 30.0	PASS
Calcium(Ca ²⁺)	16.6	< 30.0	PASS
Chloride (Cl)	8.3	< 30.0	PASS
Magnesium (Mg ²⁺)	15.8	<50.0	PASS

Tested By: Bill
 Inspected By: [Signature]
 Name (Printed): Bill
 Date of manufacture Nov. 11, 2020

