



Innovative
Contamination
Solutions

Document:

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Document:

FM-8.2

Approved:

Ben

Revision:

February 10, 2017

Certificate of Conformance

Wiper Code: TC2PU1-99

Lot no:526459

I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	145	g/m ²	Weight Balance
Thickness	0.50	0.45	0.55	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	3.7	< 5.0	PASS
> 5.0 um	0.16	< 0.5	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	169	< 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)	414	> 410	PASS
Intrinsic Capacity (ml/g)	2.94	>2.6	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	0.0039	< 0.01	PASS
IPA	0.017	< 0.04	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 ⁺)	0.15	< 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⁺)	0.09	<0.10	PASS

Tested By: Bill
 Inspected By: [Signature]
 Name (Printed): Bill
 Date of manufacture sep. 21, 2019

