



Innovative  
Contamination  
Solutions

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Teknisat C of C

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Approved By:

Eric Hilkman

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## Certificate of Conformance

Wiper Code: TZIMFR-1012

Lot no:201116

### I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	48	44	51	g/m <sup>2</sup>	Weight Balance
Thickness	0.22	0.20	0.25	mm	Caliper

### II. Test for Particles (x 10<sup>6</sup>particle/m<sup>2</sup>) - Orbital Shake Test (IEST-RP-CC004.3 Section 6.1.4)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 0.50 um	52.6	< 60.0	PASS
> 5.0 um	0.17	< 0.26	PASS

### III. Test for Fiber /Particles >100um (x10<sup>6</sup>particle/m<sup>2</sup>) (IEST-RP-CC004.3 Section 6.2.2)

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 um	2063	< 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 <sup>2</sup> )	339	> 260	PASS
Intrinsic Capacity (ml/g)	3.85	> 3.5	PASS
Sorptive Rate(S)	< 1	< 1	PASS

### V. Test for Extractable Matters (g/m<sup>2</sup>) - Short Term Extraction (IEST-RP-CC004.3 Section 7.1.2)

Test Solution	Result (Average of 3 trials)	Specs	JUDGMENT
DI Water	0.024	< 0.03	PASS
IPA	0.031	< 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 <sup>+</sup> )	31.3	< 50.0	PASS
Potassium (K <sup>+</sup> )	13.5	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	14.2	< 30.0	PASS
Chloride (Cl)	7.9	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	13.7	<50.0	PASS

Tested By: Bill

Inspected By: 吕伟光

Name (Printed): Bill

Date of manufacture Nov. 16, 2020

