



Innovative  
Contamination  
Solutions

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## Certificate of Conformance

Wiper Code: TZ1MFR-1012

Lot no:526776

### **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	55.2	< 60.0	PASS
> 5.0 um	0.15	< 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	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 <sup>2</sup> )	336	> 260	PASS
Intrinsic Capacity (ml/g)	3.89	> 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	0.026	< 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 <sup>+</sup> )	35.5	< 50.0	PASS
Potassium (K <sup>+</sup> )	14.3	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	16.6	< 30.0	PASS
Chloride (Cl <sup>-</sup> )	8.3	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	15.8	<50.0	PASS

Tested By: Bill

Inspected By: 张伟光

Name (Printed): Bill

Date of manufacture Nov. 11, 2020

