



Innovative  
Contamination  
Solutions

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Approved By:

Eric Hilkman

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## Certificate of Conformance

Wiper Code: TZ1MFR-1012

Lot no:220418

### **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 ( $\times 10^6$ 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 $\mu$ m	48.7	< 60.0	PASS
> 5.0 $\mu$ m	0.16	< 0.26	PASS

### **III. Test for Fiber/Particles >100 $\mu$ m ( $\times 10^6$ particle/m<sup>2</sup>) (*IEST-RP-CC004.3 Section 6.2.2*)**

Particle size	Result (Average of 3 trials)	Specs	JUDGMENT
> 100 $\mu$ m	1586	< 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> )	335	> 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	0.017	< 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> )	25.5	< 50.0	PASS
Potassium (K <sup>+</sup> )	11.9	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	10.3	< 30.0	PASS
Chloride (Cl <sup>-</sup> )	9.5	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	11.7	<50.0	PASS

Tested By: Bill

Inspected By: 马伟光

Name (Printed): Bill

Date of manufacture Apr. 18, 2022

