

# Certificate of Conformance

Wiper Code: TC1PS1-26

Lot No: 508325

## I. Physical Property Variables

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	140	135	145	g/m <sup>2</sup>	Weight Balance
Thickness	0.50	0.45	0.55	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	7.3	< 10.0	PASS
> 5.0 $\mu$ m	0.55	< 2.0	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	331	< 600	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> )	406	> 400	PASS
Intrinsic Capacity (ml/g)	2.83	>2.3	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	0.024	< 0.08	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> )	0.24	< 0.30	PASS
Potassium (K <sup>+</sup> )	0.08	< 0.20	PASS
Calcium(Ca <sup>2+</sup> )	0.28	< 0.40	PASS
Chloride (Cl <sup>-</sup> )	0.11	< 0.20	PASS
Magnesium (Mg <sup>2+</sup> )	0.26	<0.30	PASS

Tested By: Bill Tan; Laboratory Manager Bill

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