



Innovative  
Contamination  
Solutions

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Teknisat C of C

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Approved By:

Ben Frazier

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### **Certificate of Conformance**

Wiper Code: TZ1MF-99

Lot no:527081

#### ***I. Physical Property Variables***

Property	Target	Lower	Upper	Units	Test Method
Basis Weight	80	75	85	g/m <sup>2</sup>	Weight Balance
Thickness	0.25	0.20	0.30	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	41.7	< 60.0	PASS
> 5.0 $\mu$ m	0.14	< 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	1387	< 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)	3.91	> 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	0.015	< 0.03	PASS
IPA	0.021	< 0.05	PASS

#### ***VI. Test for Specific Extractable Ions ( $\mu$ g/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> )	21.7	< 50.0	PASS
Potassium (K <sup>+</sup> )	8.1	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	9.5	< 30.0	PASS
Chloride (Cl <sup>-</sup> )	8.6	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	12.7	<50.0	PASS

Tested By: Bill

Inspected By: Bill

Name (Printed): Bill

Date of manufacture Apr 14, 2022

