



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-12

Lot no:526971

#### **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 (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	49.5	< 60.0	PASS
> 5.0 um	0.18	< 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	1806	< 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> )	338	> 260	PASS
Intrinsic Capacity (ml/g)	3.95	> 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	0.016	< 0.03	PASS
IPA	0.025	< 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> )	30.8	< 50.0	PASS
Potassium (K <sup>+</sup> )	9.3	< 30.0	PASS
Calcium(Ca <sup>2+</sup> )	7.5	< 30.0	PASS
Chloride (Cl <sup>-</sup> )	5.7	< 30.0	PASS
Magnesium (Mg <sup>2+</sup> )	13.5	<50.0	PASS

Tested By: Bill

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Date of manufacture Sep. 4, 2021

