



Innovative  
Contamination  
Solutions

Document Title:

Teknisat C of C

Document Number:

FM-8.2.4-2

Approved By:

Eric Hilkman

Revision Date:

February 10, 2017

## Certificate of Conformance

Wiper Code: TZ1PCS2PB-99

Lot No: 527003

### I. Physical Property Variables

| Property     | Target | Lower | Upper | Units            | Test Method    |
|--------------|--------|-------|-------|------------------|----------------|
| Basis Weight | 68     | 63    | 71    | 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

(*IENT-RP-CC004.3 Section 6.1.4*)

| Particle size  | Result (Average of 3 trials) | Specs  | JUDGMENT |
|----------------|------------------------------|--------|----------|
| > 0.50 $\mu$ m | 48.5                         | < 80   | PASS     |
| > 5.0 $\mu$ m  | 0.17                         | < 0.26 | PASS     |

### III. Test for Fiber /Particles >100 $\mu$ m ( $\times 10^6$ particle/m<sup>2</sup>)

(*IENT-RP-CC004.3 Section 6.2.2*)

| Particle size | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|-------|----------|
| > 100 $\mu$ m | 118                          | < 300 | PASS     |

### IV. Test for Sorbency Capacity and Rate – (*IENT-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> ) | 339                      | > 280 | PASS     |
| Intrinsic Capacity (ml/g)               | 4.8                      | > 4.0 | PASS     |
| Sorptive Rate(S)                        | < 1                      | < 1   | PASS     |

### V. Test for Extractable Matters (g/m<sup>2</sup>) - Short Term Extraction

(*IENT-RP-CC004.3 Section 7.1.2*)

| Test Solution | Result (Average of 3 trials) | Specs   | JUDGMENT |
|---------------|------------------------------|---------|----------|
| DI Water      | 0.037                        | < 0.07  | PASS     |
| IPA           | 0.0029                       | < 0.006 | PASS     |

### VI. Test for Specific Extractable Ions (ug/g or ppm)

Standard Extraction Method (*IENT-RP-C004.3 Section 7.2.2.1B*)

| Extractable Ion               | Result(Ave of 3 trials) | Specs  | JUDGMENT |
|-------------------------------|-------------------------|--------|----------|
| Sodium (Na <sup>+</sup> )     | 16.3                    | < 50.0 | PASS     |
| Potassium (K <sup>+</sup> )   | 8.5                     | < 30.0 | PASS     |
| Calcium(Ca <sup>2+</sup> )    | 7.2                     | < 30.0 | PASS     |
| Chloride (Cl <sup>-</sup> )   | 6.5                     | < 30.0 | PASS     |
| Magnesium (Mg <sup>2+</sup> ) | 8.3                     | < 50.0 | PASS     |

Tested By: B.I.I

Inspected By: B.I.I

Name (Printed): B.I.I

Date of manufacture Nov. 19, 2021

