



Innovative  
Contamination  
Solutions

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Teknisat C of C

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Approved By:

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## Certificate of Conformance

Wiper Code: TC2PL1-99

Lot no 527091

### I. Physical Property Variables

| Property     | Target | Lower | Upper | Units            | Test Method    |
|--------------|--------|-------|-------|------------------|----------------|
| Basis Weight | 140    | 135   | 145   | g/m <sup>2</sup> | Weight Balance |
| Thickness    | 0.45   | 0.40  | 0.50  | 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 | 3.8                          | < 11.0 | PASS     |
| > 5.0 $\mu$ m  | 0.4                          | < 0.8  | 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 | 108                          | < 400 | 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> ) | 418                      | > 410  | PASS     |
| Intrinsic Capacity (ml/g)               | 2.94                     | > 2.60 | 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      | 0.008                        | < 0.03 | PASS     |
| IPA           | 0.014                        | < 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> )     | 0.15                    | < 0.20 | PASS     |
| Potassium (K <sup>+</sup> )   | 0.08                    | < 0.10 | PASS     |
| Calcium(Ca <sup>2+</sup> )    | 0.13                    | < 0.20 | PASS     |
| Chloride (Cl)                 | 0.07                    | < 0.10 | PASS     |
| Magnesium (Mg <sup>2+</sup> ) | 0.07                    | < 0.10 | PASS     |

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Date of manufacture May 26, 2022

