



Innovative
Contamination
Solutions

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| Document: | Teknisat C of C |
| Document: | FM-8.2 |
| Approved: | Ben |
| Revision: | February 10, 2017 |

Certificate of Conformance

Wiper Code: TC2PL1-99

Lot no 526270

I. Physical Property Variables

| Property | Target | Lower | Upper | Units | Test Method |
|--------------|--------|-------|-------|------------------|----------------|
| Basis Weight | 140 | 135 | 145 | g/m ² | Weight Balance |
| Thickness | 0.45 | 0.40 | 0.50 | mm | Caliper |

**II. Test for Particles ($\times 10^6$ particle/m²) - Orbital Shake Test
(*IEST-RP-CC004.3 Section 6.1.4*)**

| Particle size | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|--------|----------|
| > 0.50 um | 4.1 | < 11.0 | PASS |
| > 5.0 um | 0.3 | < 0.8 | PASS |

**III. Test for Fiber/Particles >100um ($\times 10^6$ particle/m²)
(*IEST-RP-CC004.3 Section 6.2.2*)**

| Particle size | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|-------|----------|
| > 100 um | 214 | < 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 ²) | 418 | > 410 | PASS |
| Intrinsic Capacity (ml/g) | 2.92 | >2.60 | PASS |
| Sorptive Rate(S) | < 1 | < 1 | PASS |

**V. Test for Extractable Matters (g/m²) - Short Term Extraction
(*IEST-RP-CC004.3 Section 7.1.2*)**

| Test Solution | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|--------|----------|
| DI Water | 0.014 | < 0.03 | PASS |
| IPA | 0.021 | < 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 ⁺) | 0.16 | < 0.20 | PASS |
| Potassium (K ⁺) | 0.07 | < 0.10 | PASS |
| Calcium(Ca ²⁺) | 0.15 | < 0.20 | PASS |
| Chloride (Cl ⁻) | 0.08 | < 0.10 | PASS |
| Magnesium (Mg ²⁺) | 0.07 | <0.10 | PASS |

Tested By: Bill
 Inspected By: 马伟光
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 Date of manufacture Dec. 30, 2018

