



Innovative
Contamination
Solutions

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| 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: TC2P12S

Lot no:526966

I. Physical Property Variables

| Property | Target | Lower | Upper | Units | Test Method |
|--------------|--------|-------|-------|------------------|----------------|
| Basis Weight | 140 | 135 | 145 | g/m ² | Weight Balance |
| Thickness | 0.50 | 0.45 | 0.55 | mm | Caliper |

II. Test for Particles (x 10⁶ 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 | 3.6 | < 5.0 | PASS |
| > 5.0 um | 0.3 | < 0.5 | PASS |

III. Test for Fiber /Particles >100um (x10⁶ particle/m²) (IEST-RP-CC004.3 Section 6.2.2)

| Particle size | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|-------|----------|
| > 100 um | 98 | < 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) | 419 | > 410 | PASS |
| Intrinsic Capacity (ml/g) | 2.96 | >2.6 | 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 | 0.0032 | < 0.01 | PASS |
| IPA | 0.015 | < 0.04 | 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 ⁺) | 0.13 | < 0.20 | PASS |
| Potassium (K ⁺) | 0.08 | < 0.10 | PASS |
| Calcium(Ca ²⁺) | 0.15 | < 0.20 | PASS |
| Chloride (Cl ⁻) | 0.06 | < 0.10 | PASS |
| Magnesium (Mg ²⁺) | 0.06 | <0.10 | PASS |

Tested By: Bill
 Inspected By: 张伟光
 Name (Printed): Bill
 Date of manufacture: Sep. 14, 2021

