



Innovative
Contamination
Solutions

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Teknisat C of C

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Approved By:

Eric Hilkmann

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Certificate of Conformance

Wiper Code: TZ1PCS2-99

Lot No: 527081

I. Physical Property Variables

| Property | Target | Lower | Upper | Units | Test Method |
|--------------|--------|-------|-------|------------------|----------------|
| Basis Weight | 56 | 52 | 61 | g/m ² | Weight Balance |
| Thickness | 0.22 | 0.17 | 0.25 | 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 μ m | 48.7 | < 80 | PASS |
| > 5.0 μ m | 0.15 | < 0.26 | PASS |

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

| Particle size | Result (Average of 3 trials) | Specs | JUDGMENT |
|---------------|------------------------------|-------|----------|
| > 100 μ m | 118 | < 300 | 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) | 341 | > 280 | PASS |
| Intrinsic Capacity (ml/g) | 4.6 | > 4.0 | 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 | 0.041 | < 0.07 | PASS |
| IPA | 0.0037 | < 0.006 | 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 ⁺) | 13.8 | < 50.0 | PASS |
| Potassium (K ⁺) | 6.5 | < 30.0 | PASS |
| Calcium(Ca ²⁺) | 6.2 | < 30.0 | PASS |
| Chloride (Cl) | 7.3 | < 30.0 | PASS |
| Magnesium (Mg ²⁺) | 8.1 | < 50.0 | PASS |

Tested By: Bill

Inspected By: 张伟光

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Date of manufacture Apr. 27, 2022

