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| Title           | Teknipure C of A  |
| Document Number | FM-8.2.5.3        |
| Revision Date   | February 12, 2024 |

## Certificate of Analysis

**Wiper Part No: TC2PL2-99**

**LOT No: 527579**

| Basis Weight (g/m <sup>2</sup> )<br>ASTM D3776 |                        |                        | Thickness (mm)<br>ASTM D1777-96 |                         |                         | Orbital Shake Test for Particles<br>IEST-RP-CC004.3 Section 6.1.4<br>(x10 <sup>6</sup> particle/m <sup>2</sup> ) |                     |                    |                | Fiber/Particles<br>IEST-RP-CC004.3<br>Section 6.2.2<br>(particle/m <sup>2</sup> ) |                | Test For Sorbency Capacity & Rate<br>IEST-RP-C004.3 Section 8.1 |                               |                                            |                               |                                       |                                    |
|------------------------------------------------|------------------------|------------------------|---------------------------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|----------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------|-------------------------------|--------------------------------------------|-------------------------------|---------------------------------------|------------------------------------|
| Average                                        | Lower<br>SPEC<br>Limit | Upper<br>SPEC<br>Limit | Thick-<br>ness<br>Average       | Thick-<br>ness<br>Lower | Thick-<br>ness<br>Upper | >0.50µm<br>Average                                                                                               | >0.50<br>µm<br>SPEC | >5.0 µm<br>Average | >5.0µm<br>SPEC | >100µm<br>Average                                                                 | >100µm<br>SPEC | Extrinsic<br>Capacity<br>(ml/m <sup>2</sup> )<br>Average        | Extrinsic<br>Capacity<br>SPEC | Intrinsic<br>Capacity<br>(ml/g)<br>Average | Intrinsic<br>Capacity<br>SPEC | Sorptive<br>Rate<br>(Sec.)<br>Average | Sorptive<br>Rate<br>(Sec.)<br>SPEC |
| 120                                            | 116                    | 119                    | 0.40                            | 0.37                    | 0.42                    | 4.1                                                                                                              | < 5.0               | 0.38               | < 0.50         | 101                                                                               | < 400          | 335                                                             | > 300                         | 2.75                                       | > 2.50                        | < 1                                   | < 1                                |

| Extractables - Short Term Extraction<br>(g/m <sup>2</sup> )<br>IEST-RP-CC004.3 Section 7.1.2 |                     |                |             | Specific Extractable Ions (ug/g or ppm)<br>IEST-RP-C004.3 Section 7.2.2.1B |                                      |                                           |                                     |                                           |                                        |                                           |                                        |                                             |                                          |
|----------------------------------------------------------------------------------------------|---------------------|----------------|-------------|----------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|-------------------------------------|-------------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------|------------------------------------------|
| DI<br>Water<br>Average                                                                       | DI<br>Water<br>SPEC | IPA<br>Average | IPA<br>SPEC | Sodium<br>(Na <sup>+</sup> )<br>Average                                    | Sodium<br>(Na <sup>+</sup> )<br>SPEC | Potassium<br>(K <sup>+</sup> )<br>Average | Potassium<br>(K <sup>+</sup> ) SPEC | Calcium<br>(Ca <sup>2+</sup> )<br>Average | Calcium<br>(Ca <sup>2+</sup> )<br>SPEC | Chloride<br>(Cl <sup>-</sup> )<br>Average | Chloride<br>(Cl <sup>-</sup> )<br>SPEC | Magnesium<br>(Mg <sup>2+</sup> )<br>Average | Magnesium<br>(Mg <sup>2+</sup> )<br>SPEC |
| 0.0041                                                                                       | < 0.01              | 0.025          | < 0.04      | 0.12                                                                       | < 0.20                               | 0.08                                      | < 0.10                              | 0.07                                      | < 0.20                                 | 0.08                                      | < 0.10                                 | 0.08                                        | < 0.10                                   |

### **Product Cleanliness Specifications**

The raw materials used in the production of this finished product are compliant with IEST-RP-CC004.3 and in accordance with Teknipure specifications.

### **Product Packaging Specifications**

The packaging materials, method & environment of this finished product are in accordance with Teknipure specifications.

Tested By: (Production Technician) Bill

Inspected By: (Quality) Mark

Name (printed): Bill

Date of Manufacture: Dec. 12, 2024



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