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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: TC2PU1-12**

**LOT No: 527528**

| 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 |
| 140                                            | 135                    | 142                    | 0.45                            | 0.43                    | 0.48                    | 4.00                                                                                                             | <5.0                | 0.26               | <0.3           | 345                                                                               | <400           | 421                                                             | >400                          | 3.0                                        | >2.8                          | <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 |
| 0.005                                                                                        | <0.01               | 0.026          | <0.04       | 0.011                                                                      | <0.02                                | 0.004                                     | <0.01                               | 0.011                                     | <0.02                                  | 0.009                                     | <0.02                                  | 0.013                                       | <0.02                                    |

### **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) 张志明

Inspected By: (Quality) 王雪艳

Name (printed): 王雪艳

Date of Manufacture: Oct.3.2024

Expiration date: Oct. 2029



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