

Fabric Technical Data - SONTARA® MicroPure AP

| Property                       |           | Value | Unit                       | Test method                                          |
|--------------------------------|-----------|-------|----------------------------|------------------------------------------------------|
| Composition                    | Polyester | 45    | %                          |                                                      |
|                                | Woodpul   | 55    | %                          |                                                      |
| Basis weight                   |           | 68    | g/m²                       | ERT 40.3-90                                          |
| Intrinsic absorption capacity  |           | 4.27  | ml/g                       | INDA IST 10.2-98                                     |
| Extrinsic absorption capacity  |           | 290   | ml/m²                      |                                                      |
| Intrinsic absorption rate      |           | 34.0  | ml/g/s                     | INDA IST 10.2-95                                     |
| Extrinsic absorption rate      |           | 2330  | ml/m²/s                    |                                                      |
| Grab tensile breaking strength | MD        | 156   | N                          | ASTM D5034                                           |
|                                | XD        | 89    | N                          |                                                      |
| Elongation                     | MD        | 24    | %                          | ASTM D5034                                           |
|                                | XD        | 75    | %                          |                                                      |
| Particles > 0,5 µm             | Wet       | 80    | 10 <sup>6</sup> ; Part./m² | Biaxial Shake IES RP CC 004.2 sec. 5.1               |
|                                | Wet       | 12    | 10 <sup>6</sup> ; Part./m² | Near-zero mechanical stress IES RP CC 004.2 sec. 5.1 |
|                                | Dry       | 45    | 10 <sup>5</sup> Part./m²   | Gelbo (5 min) INDA IST 160.1-92                      |
| Extractables in H²O            |           | 0.01  | %                          | IES RP CC 004.2 sec. 6.1                             |
| Ions                           | Sodium    | 9.618 | ppm                        | IES RP CC 004.2 sec. 6.2                             |
|                                | Iron      | 2.4   | ppm                        |                                                      |
|                                | Magnesium | 69    | ppm                        |                                                      |
|                                | Potassium | 9.0   | ppm                        |                                                      |
|                                | Calcium   | 330   | ppm                        |                                                      |