

## TRINITEX® K 974 70

70 g/m<sup>2</sup>

### Product characteristics:

- Targeted efficiency ePM1 80% (ISO 16890:2016)<sup>1)</sup>
- Engineered multi-layer synthetic filter media
- Mechanical filtration mechanism

(Preliminary)

| Physical properties     | Test Method                                     | Unit                      | Target |
|-------------------------|---|---------------------------|--------|
| Grammage                | NWSP 130.1.R0 (15)                              | g/m <sup>2</sup>          | 70     |
|                         |   | lbs./3000 ft <sup>2</sup> | 43,0   |
| Thickness               | NWSP 120.6.R0 (15)                              | micron                    | 520    |
|                         |   | mils                      | 20,5   |
| Air Permeability        | NSWP 070.1.R0 (15)                              | l/m <sup>2</sup> /s       | 190    |
|                         |   | cfm                       | 23,4   |
| Filtration efficiency   | VTT test method; efficiency @ 0,39 µm; 5,3 cm/s | %                         | 73     |
| Pressure drop           | VTT test method; 5,3 cm/s                       | Pa                        | 58     |
| Dry MD Tensile Strength | SCAN-P 38:80                                    | N/m                       | 2500   |
|                         |   | lbs./inch                 | 14,0   |
| Dry CD Tensile Strength | SCAN-P 38:80                                    | N/m                       | 1000   |
|                         |   | lbs./inch                 | 5,6    |
| Dry MD Stiffness        | NWSP 090.2.R0 (15)                              | mg                        | 500    |
| Dry CD Stiffness        | NWSP 090.2.R0 (15)                              | mg                        | 150    |
| Mean Flow Pore MFP      | MFP Determination with Porometer 3G             | micron                    | 10,0   |

*These measurements are produced using internal methods based on recognized standards values.*

*The above data are referring to the flat sheet filter media. Final filter characteristics will depend on parameters and filter design used.*

1) Measurement on flat sheet

Validated 09 / 12 / 19

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