



## DATA SHEET

### Filter media

Ultra-Web® Flame Retardant

### Ultra-Web® Flame Retardant

|   |   |
|---|---|
| <b>Appearance</b>                               | Blue tinted, corrugated   |
| <b>Use</b>                                      | Pleatable filter media  |
| <b>Composition</b>                              | Cellulose substrate with nanofiber layer  |
| <b>Area weight</b>                              | 115 g/m <sup>2</sup>  |
| <b>Thickness</b>                                | 0.30 mm   |
| <b>Air Permeability</b>                         | 367 m <sup>3</sup> /m <sup>2</sup> .h at 125 Pa   |
| <b>IFA/BIA certificate</b><br>(DIN 660335-2-69) | Class M<br>Test report number: 201720664/6210   |
| <b>Temperature (dry heat)</b>                   |   |
| Continuous                                      | 65 °C   |
| Peaks   | 80 °C   |
| <b>Chemical resistance</b>                      |   |
| Hydrolysis                                      | N/A   |
| Acids   | Poor  |
| Alkalis   | Fair  |
| Oxidising agents                                | Poor  |
| Organic solvents                                | Fair  |
| <b>Abrasion resistance</b>                      | Good  |
| <b>Supports combustion</b>                      | No  |
| <b>Application field</b>                        | Premium performance on ambient, extremely fine and non-fibrous dust and some abrasive dust. High filtration efficiency on very fine particulate of < 1 micron.<br><br>Typical applications include metallisation, laser cutting, pharmaceuticals, weld fume, shot blasting. |