



Donaldson  
FILTRATION SOLUTIONS

## DATA SHEET

### Filter media

Dura-Life®

### Dura-Life®

|                                                     |                                                                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                                   | White                                                                                                                                                                                                |
| <b>Use</b>                                          | Filter bags                                                                                                                                                                                          |
| <b>Composition</b>                                  | Mixture of polyester and bicomponent polyester fibres                                                                                                                                                |
| <b>Area weight</b>                                  | 320 g/m <sup>2</sup>                                                                                                                                                                                 |
| <b>Thickness</b>                                    | 1.6 mm                                                                                                                                                                                               |
| <b>Air Permeability</b> (Frazier)                   | 800 m <sup>3</sup> /m <sup>2</sup> /h at 125 Pa                                                                                                                                                      |
| <b>Dimensional stability at 177 °C (%)</b>          | <3.0%                                                                                                                                                                                                |
| <b>Surface finish</b>                               | None                                                                                                                                                                                                 |
| <b>Additional treatments</b>                        | Heat set                                                                                                                                                                                             |
| <b>Surface electrical resistance</b><br>(DIN 54345) | N/A                                                                                                                                                                                                  |
| <b>IFA/BIA certificate</b><br>(DIN 660335-2-69)     | N/A                                                                                                                                                                                                  |
| <b>Temperature (dry heat)</b>                       |                                                                                                                                                                                                      |
| Continuous                                          | 135 °C                                                                                                                                                                                               |
| Peaks                                               | 150 °C                                                                                                                                                                                               |
| <b>Chemical resistance</b>                          |                                                                                                                                                                                                      |
| Hydrolysis                                          | Poor                                                                                                                                                                                                 |
| Acids                                               | Good                                                                                                                                                                                                 |
| Alkalis                                             | Good                                                                                                                                                                                                 |
| Oxidising agents                                    | Very good                                                                                                                                                                                            |
| Organic solvents                                    | Very good                                                                                                                                                                                            |
| <b>Abrasion resistance</b>                          | Good                                                                                                                                                                                                 |
| <b>Supports combustion</b>                          | Yes                                                                                                                                                                                                  |
| <b>Application field</b>                            | Dura-Life is suitable for the majority of temperature and chemical environments normally encountered in Dalamatic applications including acidic and weak alkaline conditions at ambient temperature. |