

Replacement Element Media

Polypropylene Needlefelt	
Appearance	
Use	Filter bags
Composition	100% polypropylene
Area Weight (g/m²) (DIN53854)	500
Thickness (mm) (DIN 53855)	2.3
Air Permeability (DIN 53887)	200 (1/dm ² min @ 200 Pa)
Dimensional Stability @ 150°C (%)	<1.0
BIA Category	Not applicable
Surface Finish	Singed collection side only
Additional Treatments	Heat set
Surface Electrical Resistance	Not applicable
Temperature (dry and moist heat)	
Continuous (°C)	100
Peaks (°C)	110
Chemical Resistance	
Hydrolysis	Excellent
Acids	Excellent
Alkalis	Excellent
Oxidising agents	Moderate
Organic solvents	Good
Abrasion Resistance	Excellent
Supports Combustion	Yes
Suitable applications	<p>Although having limited temperature resistance compared to polyester, polypropylene displays excellent resistance to the vast majority of chemical environments normally encountered in Dalumatic applications, including high concentrations of both acid and alkali. Polypropylene also exhibits a very low moisture uptake value enabling it to operate at its upper temperature limit in both dry and moist conditions</p> <p>What to avoid Gas streams containing certain oxidising agents and organic solvents.</p>