



MicroPES®

Flat membrane
Type 5F M

Sheet No.
supersedes

427/0092/000
427/0092/000

of 03/16
of 11/13

Chemical composition

Test Ref.No:

Polymer

Polyethersulfone

Physical properties

Thickness	m	110	µm	701/067
	±	10	µm	
Tensile strength				701/012
longitudinal	≥	900	cN/15 mm	
transversal	≥	800	cN/15 mm	
Elongation at break				701/012
longitudinal	≥	25	%	
transversal	≥	30	%	
Burst pressure	≥	1	bar	701/004
Change of length (steam, 121°C)	≤	3	%	701/027

Membrane performance characteristics

Transmembrane flow (water, 25°C)	≥	90	ml/[min x cm ² x bar]	701/046
Maximum pore size (calculated from BP)	≤	1.01	µm	
Bubble point (water, 25°C)	m	2.3	bar	701/008
	±	0.25	bar	

Available make-up configurations

Rolls

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