



DATA SHEET

OXYPHAN®

Capillary membrane
Type PP 50/280

Sheet No.
supersedes

485/9024/832
485/9024/832

of 03/16
of 11/13

Chemical composition

Test Ref.No:

Polymer	Polypropylene			Test Ref.No:
Solvent residues	≤	100	ppm	702/206

Physical properties

Wall thickness	m	50	µm	701/018
	±	10	µm	
Outer diameter	m	380	µm	701/018
	±	20	µm	
Inner diameter (nominal)		280	µm	
Maximum pore size (calculated from BP)	≤	0.2	µm	
Bubble point (Isopropylalcohol, 23°C)	≥	3.0	bar	701/005
Tensile strength	≥	150	cN	701/010
Elongation at break	≥	400	%	701/010
Explosion pressure	≥	3.0	bar	701/005
Implosion pressure	≥	3.5	bar	701/022

Membrane performance characteristics

Nitrogen flux	m	75	ml/[cm ² x min x bar]	701/036
	±	30		

Available make-up configurations

Single layer mats or cross-wound mats

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