

PolyPropylenen (PP) Disc membrane

Picture



Features and Benefits

- Hydrophobic
- Highly porous membrane
- Wide chemical compatibility
- High temperature resistance
- Low extractable levels

Applications

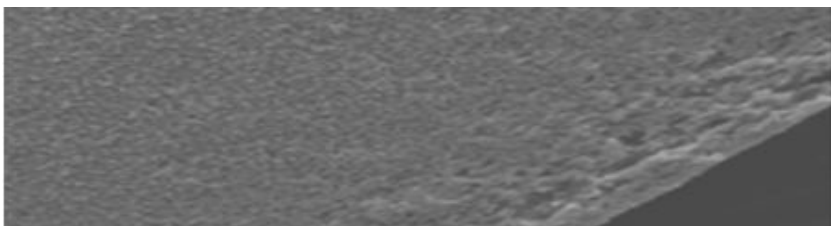
- Aqueous and organic solvent filtration
- HPLC sample preparation
- Ion chromatography
- gas filtration
- photo-resist production

Product Description

Because of their hydrophobic nature, the polypropylene membranes are best suited for industrial processes such as gas filtration, chemical processes and photo-resist production as well as for application in the automotive industry. Since polypropylene is a pure hydrocarbon material, there are no disposal problems relating to halogen content with PP membrane in contrast with other hydrophobic membranes such as PVDF or PTFE.

Morphology

Double skin on an open anisotropic pore structure



Technical Parameter

Item	Nominal Pore Size [μm]	Bubble Point in IPA [Bar] [psi]	Min.TMF* [ml/min·cm ² ·bar]
PP	0.15	2.1 30.5	2.5
PP	0.22	0.8 11.6	8.5
PP	0.45	0.11 1.60	

Ordering Information

Part #	Material	Diameter (mm)	Qty (PK)	Pore Size (μm)
MFPP300Pxx	PolyPropylenen (PP)	Φ293	10	0.15 0.22 0.3 0.45 0.65 0.8 1.2 3.0
MFPP200Pxx		φ200	20	
MFPP150Pxx		φ142	50	
MFPP140Pxx		φ140	20	
MFPP100Pxx		φ100	20	
MFPP90Pxx		φ90	20	
MFPP77Pxx		φ77	20	
MFPP60Pxx		φ60	100	
MFPP50Pxx		φ50	100	
MFPP47Pxx		φ47	100	
MFPP35Pxx		φ35	100	
MFPP25Pxx		φ25	50	
MFPP300Pxx		φ13	50	