

聚酰胺中空丝膜滤芯

Polyamide hollow fiber membrane filter

特点1

Features

**中空纤维构造
大通量,使用寿命长。**

High flow and long life thank to the hollow fiber membrane.

特点4

Features

耐有机溶剂性

(除强酸、含卤素有机溶剂、酚类溶剂之外)

Highly resistant to organic solvents.
(except for strong acids, halogenated solvents,
and phenols)

特点2

Features

**高亲水性
使用时无需亲水处理。**

High hydrophilicity eliminates the
need for prewetting for aqueous fluids.

特点5

Features

非对称构造

高捕集率,过滤效率优越。

High retention with asymmetric
membrane structure.

特点3

Features

**孔径范围5nm-100nm
对应各种高要求过滤精度。**

Very small pore size, 5 - 100nm.

特点6

Features

低溶出性

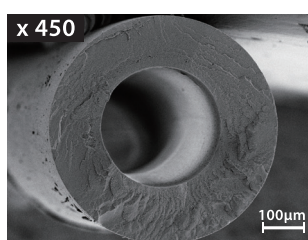
适用于医药·半导体行业。

Low extractables : can be used for
pharmaceutical or semiconductor industries.

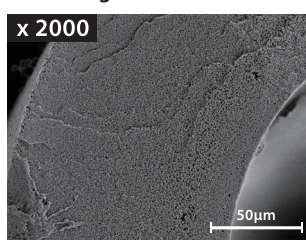


聚酰胺中空丝膜电镜照片 SEM images of PA hollow fiber membrane

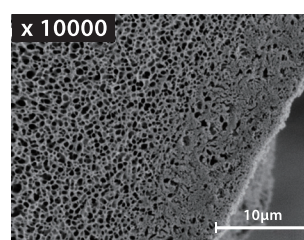
中空丝横截面
Cross section



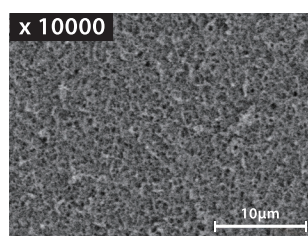
截面放大
Enlarged cross section



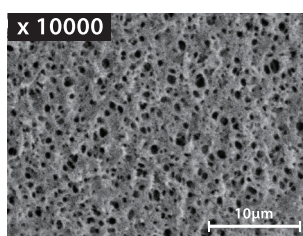
截面内侧
Inner cross section



内表面
Inner surface



外表面
Outer surface



用途 Application

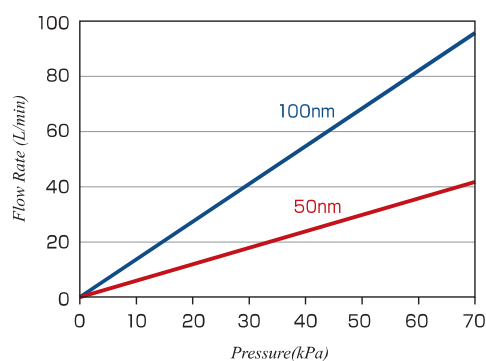
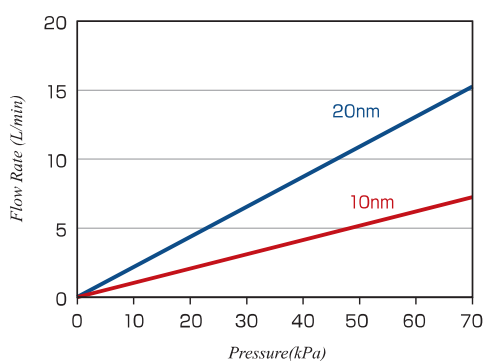
纯水 / 碱性溶液 / 有机溶剂

Pure water / Alkaline solutions / Organic solvents

规格 Specification

孔径 Pore size		5nm, 10nm, 20nm, 50nm, 100nm
材质 Materials	滤膜 Filter membrane	聚酰胺6 (尼龙6) Polyamide6 (Nylon6)
	外筒 Cage	聚乙烯 Polyethylene
	封口胶水 Sealing material	聚乙烯 Polyethylene 氨基甲酸乙酯 Urethane
最大反向压差 Maximum forward / reverse differential pressure		0.4 MPa
最高使用温度 Maximum operating temperature		50°C

流量特性 Estimated flow performance



10 英寸滤芯 10 inch filter

拉伸强度和延伸率的其他公司同类产品对比 Comparison of tensile strength and elongation.

采用新型“热致相分离法”制膜技术,兼具“高通量”“高机械强度”的特性。

High strength and flux were achieved by means of the new thermally-induced phase separation (TIPS) method.

膜 Membrane	厚度 (μm) Thickness	强度 (MPa) Tensile strength	延伸率 (%) Tensile elongation	弹性率 (MPa) Elasticity
孔径 10nm 尼龙中空丝膜 10nm hollow fiber membrane	130	11.0	180	58
孔径 10nm 尼龙平板膜 10nm Nylon flat membrane	83	2.3	50	41

联系方式 Contact us

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