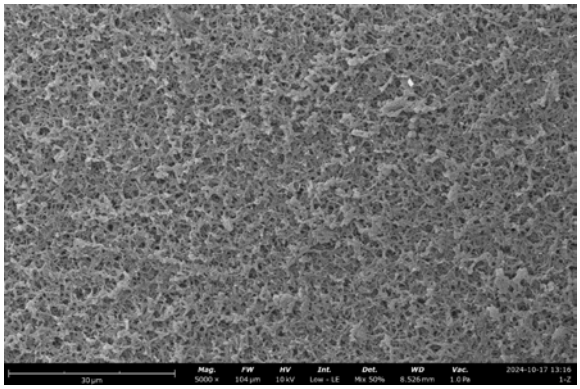
Membrane Solutions

Membrane Solutions®

Positively Charged
Nylon Membrane

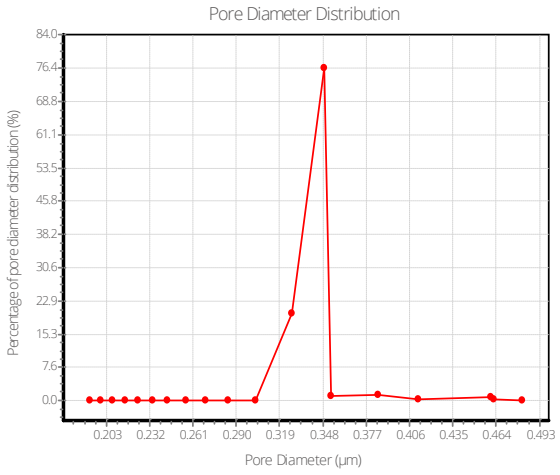


OUR MEMBRANE , YOUR SOLUTIONS



Description

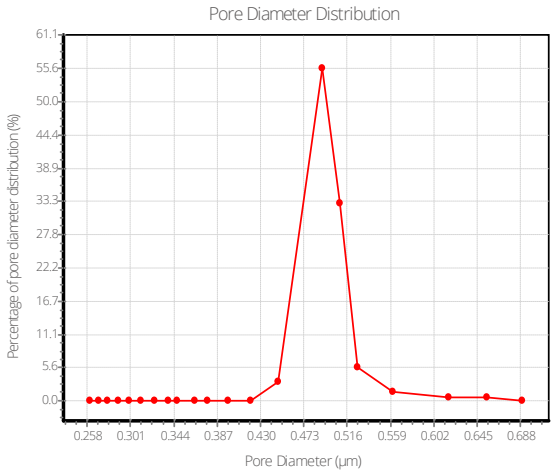
Membrane Solutions positively charged Nylon membrane produced is made from nylon membrane that has been modified with a strong positive charge.Through the pore size screening and positive adsorption of nylon membrane, it has extremely high separation efficiency and can absorb substances with intercepting size much smaller than the pore size of the membrane, It is widely used to remove impurities such as endotoxin, bacteria, viruses, and fine particles.



0.22um Positively Charged Nylon membrane

Features

- Good hydrophilicity
- High flux, low extractables
- High positive charge density, large adsorption capacity
- Removal of endotoxin and fine particles
- Bacterial retention of 0.22um： >7LRV (Brevundimonas
- diminuta)



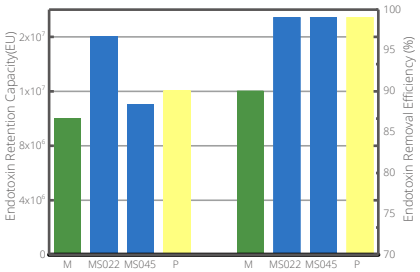
0.45um Positively Charged Nylon membrane

Applications

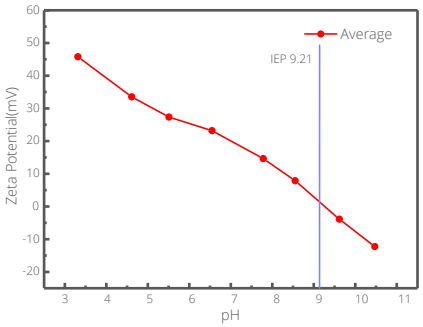
- Water filtration for electronics, microelectronics, and semiconductor industries
- Terminal filtration and point-of-use filtration of high-purity water, deionized water and distilled water.
- sterilizing filtration and clarification filtration of APIs, pharmaceutical solvents, water for injection, injections, medicinal liquids.
- sterilizing filtration and clarifying filtration of liquor, wine and beverage.
- Pharmaceutical water de-heat source; high endotoxin content liquid filtration

Specification

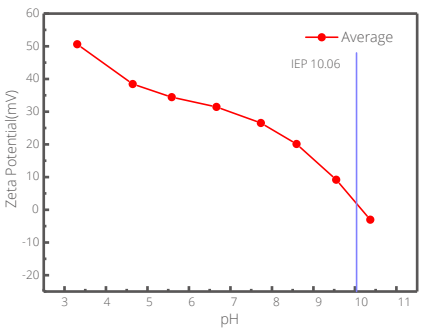
Membrane Material	Pore size (μm)	Width (mm)	Thickness (mm)	Water Bubble Point (PSI) 23℃	Water Flow (ml/min/cm²) (23℃, △p=-70kPa)	WMetanil yellow adsorption value (mg/cm²)
Positively Charged Nylon66	0.05	260-300	100-120	≥58	≥1	≥0.25
	0.1			≥48	≥3	≥0.25
	0.22			≥38	≥7	≥0.30
	0.45			≥23	≥15	≥0.30
	0.65			≥17	≥18	≥0.25
	0.80			≥11	≥20	≥0.20
	1			≥9	≥40	≥0.20
	3			≥6	≥60	≥0.15



Competition of Endotoxin Removal



Zeta Potential of 0.22 μm Positively Charged Nylon Membranes



Zeta Potential of 0.44 μm Positively Charged Nylon Membranes

Ordering information

Code	Membrane Material	Width	Pore Size	Positively Charges
MS	NY	270=270mm 300=300mm	005=0.05μm 010=0.1μm 022=0.22μm 045=0.45μm 065=0.65μm 080=0.8μm 100=1.0μm 300=3.0μm	P

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