PES MEMBRANE FILTER

PRODUCT DESCRIPTION

The PES (Polyethersulfone) membrane is an intrinsically hydrophilic membrane whose wettability has been shown to be extraordinarily high compared to other membranes and this allows it to reach high flow rates. The PES membrane has a highly asymmetrical structure and greater flow rate than comparable membranes with the same pore size. It also shows low protein binding.

The PES membrane can be used in sample preparation, sterile filtration and transfusion treatment. The low protein binding nature of the PES membrane makes it suitable for preparing biological samples.

TECHNICAL CHARACTERISTICS

Pore Size（μm）	Bubble Point（psi）	Flow Rate (ml/min/cm²- 10 psi)	Thickness（μm）
0.22	≥ 50,8	30 – 40	100 – 120

QUALITY CONTROL:MICROBIAL TEST

STERILITY

Culture Medium	Reference Test Standard	Test Result
3%TSB	The Seven Day Sterility Test as described by USP	No growth was observed
TSA		No growth was observed

BACTERIAL CHALLENGE TEST

Pore Size(μm）	Challenge Bacteria	Reference Test Standard	Test Result
0.22	*Brevundimonas diminuta* (ATCC 19146)	ASTM F838-05	Retention 10^7 organisms/cm² challenge.

STORAGE CONDITIONS AND SHELF LIFE

Store at 2-30 ° C. In these conditions the product is valid until the expiry date indicated on the label. Do not use after this date. Discard if there are obvious signs of deterioration.

PRODUCT

Description	Tipe	Reference	Package
membrane filter,white, individually package, sterile.	Pore size 0,22(μm), Ø 47(mm)	29BLPES022W200	200 units

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