Membrane Filter

CA

Introduction

High flow rates and thermal stability with very low adsorption characteristics and are therefore excellently suited for use in pressure filtration devices. The membrane with 0.2μm is the filter of choice for sterile filtration of aqueous solutions,such as nutrient media, buffers and sera.The results of publications on adsorption are difficult to correlate,as mostly different test substances,conditions and detection methods were used.

Product Specifications

Material	CA (Cellulose Acetate)Membrane Filter							
Wettability	Hydrophilic		PH	6-13		Thickness	110±10	
Diameter	13mm, 25mm, 47mm, 90mm, 142mm, 293mm							
Pore Size(μm)	0.1	0.22	0.45	0.8	1.0	1.2	3.0	5.0	8.0
Minimum Bubble Point (Mpa)	0.56	0.28	0.18	0.095	0.08	0.06	0.05	0.04	0.02
Typical Flow Rate, (mL/min/cm²)	≥8	≥25	≥40	≥80	≥153	≥220	≥290	≥400	≥600

Note：Typical flow rate test under the pressure 10psi (0.7kg/cm²).

Order information

Pore Szie (μm)	Diameter（mm）					
	13	25	47	90	142	293
	400pcs/pk	200pcs/pk	100pcs/pk	100pcs/pk	50pcs/pk	25pcs/pk
0.1	M13CA010	M25CA010	M47CA010	M90CA010	M142CA010	M293CA010
0.22	M13CA022	M25CA022	M47CA022	M90CA022	M142CA022	M293CA022
0.45	M13CA045	M25CA045	M47CA045	M90CA045	M142CA045	M293CA045
0.8	M13CA080	M25CA080	M47CA080	M90CA080	M142CA080	M293CA080
1.0	M13CA100	M25CA100	M47CA100	M90CA100	M142CA100	M293CA100
1.2	M13CA120	M25CA120	M47CA120	M90CA120	M142CA120	M293CA120
3.0	M13CA300	M25CA300	M47CA300	M90CA300	M142CA300	M293CA300
5.0	M13CA500	M25CA500	M47CA500	M90CA500	M142CA500	M293CA500
8.0	M13CA800	M25CA800	M47CA800	M90CA800	M142CA800	M293CA800