

C 2011

Abstract

MC2011 Cartridge with 50% package density. Polysulfone membrane and 4 M tubing system

Membrane

Membrane material:	PS-HF, Polysulfone
Geometry (ID/OD):	200 µm/ 280 µm
MWCO / pore size:	20 kDa

Housing

Housing material:	Polycarbonate
Length:	122 mm
Geometry (ID/OD):	26 mm/ 29 mm
ICS connectors:	2 x Barb connectors for silicon tubing (Polycarbonate)
ECS connectors:	2 x Barb Connectors for silicon tubing (Polycarbonate)
Potting material:	Polyurethane

Module

Number of fibres:	4600 ± 200
Package density:	~ 50%
Active fiber length:	100 ± 2 mm
Inner surface area:	0.3 ± 0.01 m ²
Outer surface area:	0.4 ± 0.02 m ²
Intra capillary volume:	~ 18 ml
Extra capillary volume:	~ 29 ml
Tubing:	4 M

Test

Housing integrity (I-Test) - passed/failed
Leak test of the fiber - passed /failed

Cautions

Packaging:	single side sealed bag, double bagged
Sterilization:	γ-irradiation
Storing:	dry, between 5 – 40 °C
Operating Temperature:	5 – 40 °C