



Data Sheet

C2003

Abstract

MC2003 Cartridge with 50% package density, Polysulfone membrane and 6.1 m tubing system.

Membrane

Membrane material: PS-LF, Polysulfone
Geometry (ID/OD): 200 μ m/ 280 μ m
MWCO / pore size: 5 kDa

Housing

Housing material: Polycarbonate
Length: 260 mm
Geometry (ID/OD): 32 mm/ 36 mm
ICS connectors: 2 x Hose barb bioreactor connectors (Polycarbonate)
ECS connectors: 2 x Hose barb bioreactor connectors (Polycarbonate)
Potting material: Polyurethane

Module

Number of fibres: 5,500 \pm 250
Package density: ~ 42%
Active fiber length: 240 \pm 2 mm
Inner surface area: 0.8 \pm 0.01 m²
Outer surface area: 1.2 \pm 0.02 m²
Intra capillary volume: ~ 45 ml
Extra capillary volume: ~ 111 ml
Tubing: 6.1 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

Signed by:

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