

# TECHNICAL DATA SHEET

According to Good Manufacturing Practice (CGMP) standards

GRADE: MPC100  
 DESCRIPTION: POLYCARBONATE MEMBRANE  
 DATE: MARCH 2016

This document is to verify that the designated product has been manufactured in conformance with applicable Current Good Manufacturing Practice (cGMP) standards.

The quality control data given in this document represent the quality of the released lot. These values are the basis for the official release of this material. The Quality Department for quality control of filters has measured the values and assures that they are within the limits that are established in the current specification for this material. The values stated do not represent any internal or external specification for this particular material. This product has passed external-house tests and thus meets Chmlab Group stringent quality control standards. The following is checked on a regular basis:

## Membrane Filter Characterization

PACKAGING: Boxes of 100 units  
 FORMAT: Circles (Ø mm): 25, 47

### TECHNICAL SPECIFICATIONS:

Membrane .....Polycarbonate  
 Pore size .....1.0 µm  
 Wettability.....Hydrophilic  
 Bubble point minimum value, wetted with water .....6 psi  
 Flow rate for water ..... 130 ml/min [cm<sup>2</sup> at 1 bar (100kPa) differential pressure]  
 Thickness .....5-12 µm  
 Sterilization.....By autoclaving at 121 °C, with γ-radiation 25 KGray or EO  
 Extractables.....Low extractables

## Other Specifications

<b>Properties</b>	Made of high grade polycarbonate film Hydrophilic membrane High translucency High flow rate A very smooth and shiny surface on both sides facilitates easy sample examination Low extractables Low protein binding
<b>Applications</b>	Particulate analysis Epifluorescence microscopy Fluid clarification Cytology Biological test, cell biology and cell cultures Removal of red blood cells from plasma Water microbiology (analysis for Legionella in drinking water) Environmental analysis (detection of AOX in water)
<b>Chemical compatibility</b>	See chemical compatibility table on page 114 of our general catalogue <a href="http://www.chmlab.com/en/pdf/CHMLABcatalogue.pdf">http://www.chmlab.com/en/pdf/CHMLABcatalogue.pdf</a>