

ACCUREL® PP 1E (R/P) DATA SHEET

Sheet No. 465/9086/000 of 03/11
Supersedes 465/9086/000 of 09/10

Hydrophobic Flat Membrane Type PP 1E (R/P)

The intended use is microfiltration

Chemical Composition

Test Reference No.

Polymer	Polypropylene	
Residual oil content	≤ 0.1%	702/130

Physical Properties

Thickness	m 100 µm (≈ 3.94 mil) ± 15.0 µm (≈ 0.59 mil)	701/013
Tensile strength		
	longitudinal ≥ 550 cN/15mm	
	transversal ≥ 550 cN/15mm	701/012
Elongation at break		
	longitudinal ≥ 25 %	
	transversal ≥ 30 %	701/012

Membrane Performance Characteristics

Bubble point (in isopropylalcohol 23°C)	m 2.1 bar (≈ 30.46 psi) ± 0.4 bar (≈ 5.80 psi)	701/007
Transmembrane flow (isopropylalcohol 23°C)	≥ 2.5 ml/(min cm ² bar) ≥ 160.14 ml/(min sq ft psi) ≥ 1.11 ml/(min sq in psi)	701/045

Available Make-up Configurations

Rolls

m = mean value

This product is to be used only by persons familiar with its use. It must be maintained within the stated limitations. This product is delivered non-sterile. All sales are subject to Seller's terms and conditions. Seller reserves the right to modify this document without prior notice. Check with your representative to verify the latest update. To the best of our knowledge, the information contained herein is accurate. However, neither Seller nor any of its affiliates assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

THE INFORMATION CONTAINED HEREIN AND SELLER'S PRODUCTS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR USE, OR NON-INFRINGEMENT OF INTELLECTUAL PROPERTY. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM THE USE OF INFORMATION CONTAINED HEREIN AND SELLER'S PRODUCTS.

MicroPES®, ACCUREL® and DuraPES® are registered trademarks of Membrana GmbH. Nothing herein shall be construed as a recommendation or license to use any information that conflicts with any patent, trademark or copyright of Seller or others. Membrana Filtration is the industrial business unit of Membrana GmbH.

Copyright © 2011 Membrana GmbH. All rights reserved.



Membrana GmbH

Oehder Strasse 28, D-42289
Wuppertal, Germany

Phone: +49 202 6099 - 593 or 276

Fax: +49 202 6099 - 750

www.membrana.com