

PolyCera® Hydro 100 Ultrafiltration

Flat Sheet

Membrane Material:	PolyCera Hydro
Support Non-Woven Material	Polypropylene
DI Water Permeability* (lmh/bar)	350
MWCO (Dalton)	100,000
Nominal Pore Size (nm)	20
Membrane Thickness (mm)	0.24
Max Operating Temp (°C)	5 – 50
Max Cleaning Temperature** (°C)	85 at 2.0 < pH < 10.0 50 at pH > 10.0
Operating pH Range	1.0 – 12.0 @ T ≤ 45°C 1.0 – 10.0 @ 45°C < T ≤ 85°C
Free Chlorine continuous (mg/l) / instantaneous (mg/l) / total (mg/l.hour)	≤ 2 / 100 / 300,000
Max Free Oil Tolerance (mg/l)	≤ 5
Ozone/Peroxide	Not compatible
Notes:	*Testing condition: 18mΩ deionized water, pH 7, 25°C, 1.3 bar **Cleaning duration of 30 minutes Prior to use, soak dry membrane for 24 hours with portable water, replace the soaking water every 12 hours.

PolyCera, Inc.
721 S Glasgow Ave.
Unit D
Los Angeles, CA 90301

T +1.424.331.7700
W www.polyceramembranes.com
E info@polyceramembranes.com

© 2018 PolyCera, Inc. All rights reserved.

Hydro.100.FS.S.12.18

