

PolyCera[®] Hydro 250 Ultrafiltration

Flat Sheet

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| Membrane Material: | PolyCera Hydro |
| Support Non-Woven Material | Polyester/Polypropylene |
| DI Water Permeability* (lmh/bar) | ≥ 1,000 |
| MWCO (Dalton) | 250,000 |
| Nominal Pore Size (nm) | 50 |
| Membrane Thickness (mm) | 0.17 |
| Max Operating Temp (°C) | 5 – 45 |
| Max Cleaning Temperature** (°C) | 70° /30 mins, 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 ≤ 70°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, 20°C, 0.6 bar vacuum pressure **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

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