



PolyCera[®] Hydro 250 Ultrafiltration Flat Sheet Membrane Specifications

Membrane Material	PolyCera Hydro
Support Non-Woven Material	Polyester (PET) and Polypropylene (PP)
DI Water Permeability	≥ 1,300 l/mh/bar
MWCO	250,000 Da
Nominal Pore Size	50 nm
Membrane Thickness	0.16 mm
Max Operating Temp	5 – 55 °C
Max Cleaning Temperature	90°C /30 mins, at 2.0 < pH < 10.0 45 at pH > 10.0
Operating pH Range	1.0 – 13.5 @ T≤45°C 1.0 – 10.0 @ 45°C ≤ T ≤ 85°C
Free Chlorine: Continuous/Instantaneous/Total:	< 2 mg/l /100 mg/l / 300,000 mg/l/h
Maximum Free Oil Tolerance:	≤ 5 mg/L
Ozone/Peroxide:	Not compatible

*18mΩ deionized water, pH=7, 20°C, 0.6 bar

**Prior to use, soak dry membrane for 24 hours with portable water, replace the soaking water every 12 hours.

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