

### PolyCera® Titan 70 Ultrafiltration

#### Flat Sheet

Membrane Material:	PolyCera Titan
Support Non-Woven Material	Polypropylene
DI Water Permeability* (lmh/bar)	150
MWCO (Dalton)	70,000
Nominal Pore Size (nm)	5
Membrane Thickness (mm)	0.24
Max Operating Temp (°C)	5 – 70
Max Cleaning Temperature** (°C)	90 at 2.0 < pH < 10.0 50 at pH > 10.0
Operating pH Range	1.0 – 13.5 @ T ≤ 45°C 1.0 – 10.0 @ 45°C < T ≤ 90°C
Free Chlorine continuous (mg/l) / instantaneous (mg/l) / total (mg/l.hour)	≤ 2 / 50 / 100,000
Max Free Oil Tolerance (mg/l)	≤ 10,000
Ozone/Peroxide	Not compatible
<b>Notes:</b>	*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.

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