

RhyLOX-P12 DATA SHEET

- **GENREAL DATA:**

Performance: (For most feed wastewater)

Permeate Capacity: 120 – 480 L/h

Permeate Turbidity: ≤ 0.5 NTU (Depend on Feed quality)

Permeate SDI: ≤ 4 (Depend on Feed quality)

Module: ABS + Epoxy Resin

Material: PTFE

Nominal Pore Size: $0.1\mu\text{m}$

Effective Membrane Area: 12 m^2

Fiber Dimensions: ID(1.3mm) OD(2.3mm)

Module Dimensions: 155 x 165 mm

Module Height: 2410 mm

- **APPLIED DATA:**

Typical Permeate Range: $10\text{--}40 \text{ L/m}^2/\text{h}(40^\circ\text{C})$

Maximum Suction Pressure: 400 mmhg

Maximum Trans membrane Pressure: 350 mmhg

Temperature Range: $1\text{--}40^\circ\text{C}$

pH Range: 1-11 for Operating / 1-14 for Chemical Cleaning

Maximum Backwash pressure: 1.0 Bar

Backwash Flux: $40\text{--}100 \text{ L/m}^2/\text{h}(25^\circ\text{C})$

Air Scour pressure: ≤ 0.5 Bar

AirScour Flow rate: $50\text{--}90 \text{ L/min/modul}$

MLSS: $4000\text{--}15000 \text{ mg/l}$

Operating Mode: Outside to Inside

- **OPERATIONAL DATA:**

Filtration cycle: 10 min

Rest: 60 Seconds

CIP

Organic Foulant: $100\text{--}500 \text{ mg/L NaOH} + 300\text{--}3000 \text{ mg/L NaClO}$ (As per recommended by RhyLOX)

Inorganic Foulant: $300\text{--}3000 \text{ mg/L HCL, H}_2\text{SO}_4, \text{ Citric acid, Oxalic acid}$ (As per recommended by RhyLOX)

