

Salinity, c_s , [mol/l]

0.1

swelling in open system



$c_s = 0.091$ mol/l

$c_s = 0.064$ mol/l

$c_s = 0.045$ mol/l

$c_s = 0.032$ mol/l

$c_s = 0.022$ mol/l

$c_s = 0.01$ mol/l

$c_s = 4 \cdot 10^{-3}$ mol/l

$P = 10$ bar

$P = 5$ bar

compression in closed system

1

hydrogel volume, V , [l/mol]

10

