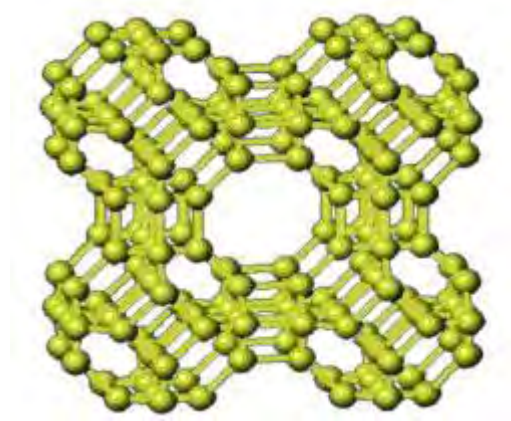


Datasheet of Pervaporation Membrane



Membrane crystal structure

Technical Data

Pervaporation membrane

Material	NaA Zeolite
Channel	single
Length (mm)	800 ± 2
Channel diameter (mm)	8.0 ± 0.3
Outside diameter (mm)	12.0 ± 0.3

Selectivity

Feed of IPA/water at	95/5%
Product (IPA/water)	99.5/0.5%
Permeate (IPA content)	Approx. 15%

Typical process parameters

Temperature (°C)	60~150
Feed pressure (MPa)	0.1~0.5
Permeate pressure (Pa)	500~2000
Condensation temperature (°C)	-20~-5
Capacity (water 5wt%) (kgm ⁻² h ⁻¹)	5~20