

## Water Vapor Permeability and Moisture Absorption / Water Absorption

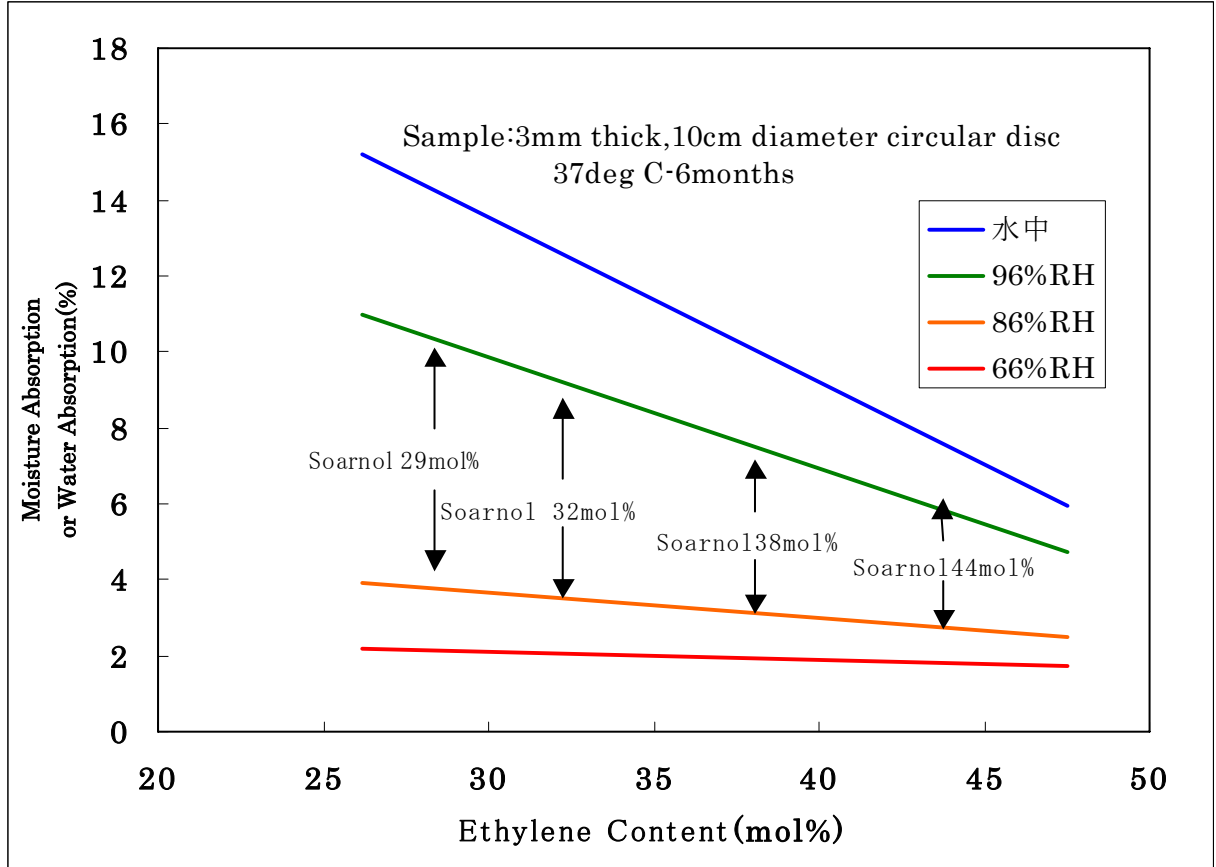
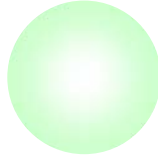
“Soarnol<sup>®</sup>” is essentially hydrophilic resin.  
 Therefore, please pay attention to a behaviour related to water.

### Water Vapor Permeability for Each Film

(40deg C, 90%RH, Film:30 μ m)

Sample	Water Vapor Permeability (g/m <sup>2</sup> ·24hrs)
Soarnol 29mol%	37~70
Soarnol 32mol%	32~58
Soarnol 38mol%	23~35
Soarnol 44mol%	12~25
LDPE	18
HDPE	6
Polypropylene(PP)	8
Biaxially Oriented PP	3
Biaxially Oriented PS	110
Polycarbonate(PC)	140
PVC	33
PET	21
Nylon6	270
Biaxially Oriented Nylon	85
Modified Polyacrylonitrile	70
Biaxially Oriented PVA	90





Data Prepared : 1 Sep. 2003

