

# Polymer Permeability

**FAQ: What is meant by the water permeability of a -**

Frequently Asked Questions. Although water uptake is used as an indicator of the moisture sensitivity of polymers, permeability is a more reliable variable to use.

<http://www.twi-global.com/technical-knowledge/faqs/material-faqs/faq-what-is-meant-by-the-water-permeability-of-a-polymer/>

**Effect of Polymer Adsorption on Permeability -**

In order to reduce the permeability to water or brine, there is a possibility of polymer injection into the reservoir. In the present work, special focus has been

<http://www.hindawi.com/journals/jpe/2014/395857/>

### **Permeability of polymers in protective organic -**

Metals like steel undergo corrosion over a period when exposed to atmosphere. Because of their low cost, versatility and aesthetic attributes, organic coatings  
<http://www.sciencedirect.com/science/article/pii/S0300944003002248>

### **CiteSeerX Citation Query Polymer Permeability -**

CiteSeerX - Scientific documents that cite the following paper: Polymer Permeability

<http://citeseerx.ist.psu.edu/showciting?cid=3422037>

### **Polymer permeability (Open Library) -**

Polymer permeability by , 1985, Elsevier Applied Science Publishers edition, in English

[https://openlibrary.org/books/OL2631356M/Polymer\\_permeability](https://openlibrary.org/books/OL2631356M/Polymer_permeability)

### **Permeability and structure in polymeric packaging -**

The materials used in food packaging are very often common polymers. Their permeability to gases and vapours is at the origin of their barrier properties and capacity

[http://link.springer.com/chapter/10.1007/978-1-4615-2173-0\\_1](http://link.springer.com/chapter/10.1007/978-1-4615-2173-0_1)

### **Moisture permeability of polymers. I. Role of -**

With three polymers widely different in polarity polyethylene terephthalate, polyethylene, and nylon 610 the water vapor permeability P of unoriented films has

<http://onlinelibrary.wiley.com/doi/10.1002/pol.1959.1203613003/abstract>

### **Polymer Permeability: J. Comyn: 9780412538209: -**

Polymer Permeability [J. Comyn] on Amazon.com. \*FREE\* shipping on qualifying offers. Polymers are permeable, whilst ceramics, glasses and metals are generally

<http://www.amazon.com/Polymer-Permeability-J-Comyn/dp/0412538202>

### **Permeability of polymer/clay nanocomposites: A -**

Read "Permeability of polymer/clay nanocomposites: A review" on DeepDyve - Instant access to the journals you need!

<https://www.deepdyve.com/lp/elsevier/permeability-of-polymer-clay-nanocomposites-a-review-Yy0n7R7bkV>

### **INNOVATIVE PLASTICS OXYGEN AND WATER PERMEABILITY -**

2 INNOVATIVE PLASTICS OXYGEN AND WATER PERMEABILITY DATA  
vapor or gas atmosphere polymer  
FIGURE 1 1. Adsorption - solution into polymer  
2. Diffusion -

[http://www.pod-sabic-ip.com/KBAM/Reflection/Assets/Thumbnail/10620\\_4.pdf](http://www.pod-sabic-ip.com/KBAM/Reflection/Assets/Thumbnail/10620_4.pdf)

### **Polymer Gas Permeability Test Equipment | -**

Find Polymer Gas Permeability Test Equipment related suppliers, manufacturers, products and specifications on GlobalSpec - a trusted source of Polymer Gas  
[http://www.globalspec.com/industrial-directory/polymer\\_gas\\_permeability\\_test\\_equipment](http://www.globalspec.com/industrial-directory/polymer_gas_permeability_test_equipment)

### **Polymer Permeability - Springer -**

Polymer Permeability. Editors: J. Comyn Effects of Oxygen Permeation and Stabiliser Migration on Polymer Degradation. J. Y. Moisan. Download PDF (7299KB)

<http://link.springer.com/book/10.1007/978-94-009-4858-7>

### **Food Packaging Permeability Behaviour: A Report -**

The use of polymer materials in food packaging field is one of the largest growing market area. Actually the optimization behaviour of packaging permeability is of  
<http://www.hindawi.com/journals/ijps/2012/302029/>

### **Polymer impact on permeability - PetroWiki -**

Disproportionate permeability reduction (DPR) is a phenomenon whereby many water-soluble polymers and many polymer gels reduce the permeability to water flow to a

[http://petrowiki.org/Polymer\\_impact\\_on\\_permeability](http://petrowiki.org/Polymer_impact_on_permeability)

### **Polymer Permeability: Which Plastic Wrap Prevents -**

Apple Plastic Wrapping Materials Science Project: Investigate which type of plastic wrap lets the least amount of oxygen in to an apple slice (low density

[http://www.sciencebuddies.org/science-fair-projects/project\\_ideas/Chem\\_p033.shtml](http://www.sciencebuddies.org/science-fair-projects/project_ideas/Chem_p033.shtml)

### **Polymer permeability (Book, 1985) [WorldCat.org] -**

ISBN: 0853343225 9780853343226: OCLC Number: 12752317: Description: viii, 383 pages : illustrations ; 23 cm: Contents: Introduction to polymer permeability and the

<http://www.worldcat.org/title/polymer-permeability/oclc/12752317>

### **Plastic Wrap Science Fair Project: Polymer -**

In this plastic wrap science fair project, you'll learn about polymer permeability and find out which plastic wrap keeps food from dehydrating best.

<http://www.education.com/science-fair/article/determine-type-polymer-food-wrap/>

### **New paradigm for permeable polymers - Royal -**

Scientists in Japan have designed a new class of gas-permeable polymers that could replace materials currently used to separate gases. Polymer membranes can be used

[http://www.rsc.org/Publishing/ChemScience/Volume/2007/11/New\\_permeable\\_polymers.asp](http://www.rsc.org/Publishing/ChemScience/Volume/2007/11/New_permeable_polymers.asp)

### **Permeation - Wikipedia, the free encyclopedia -**

In physics and engineering, permeation (also called imbuing) is the penetration of a permeate (such as a liquid, gas, or vapor) through a solid. It is directly

<http://en.wikipedia.org/wiki/Permeation>

### **Polymers: A Properties Database -**

Polymer Melts Permeability of Gases Permeability of Liquids Water Content Water Absorption Gas Permeability Mechanical Properties Tensile Modulus Flexural Modulus

<http://www.polymersdatabase.com/intro/index.jsp>

### **polymeric-relative- permeability - Halliburton -**

Polymeric Relative Permeability Modifier (RPM) Reduces Water Cut Mexico's Southern Region. Challenge. Over a 14 month period, a mature field in Mexico's southern

<http://www.halliburton.com/en-US/ps/solutions/clean-energy/oilfield-water-management/project-experience/polymeric-relative-permeability.page?node-id=hgjyd44q>

### **Oxygen permeability coefficients of polymers for -**

The oxygen permeability of several polymeric materials used for hard and soft contact lens applications was determined using a gas-to-water oxygen permeation te

<http://www.sciencedirect.com/science/article/pii/S0376738800851170>

### **Polymer Gas Permeability Tester - GlobalSpec -**

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[http://www.globalspec.com/industrial-directory/polymer\\_gas\\_permeability\\_tester](http://www.globalspec.com/industrial-directory/polymer_gas_permeability_tester)

### **Polymer waterflooding - PetroWiki -**

Polymer flow through reservoir matrix rock can cause permeability reduction. A measure of the polymer-induced permeability reduction is the residual resistance

[http://petrowiki.org/Polymer\\_waterflooding](http://petrowiki.org/Polymer_waterflooding)

### **Determining The Oxygen Permeability Of A Polymer -**

Title: Method and apparatus for determining the oxygen permeability of a polymer. Abstract: The present invention is relates to an apparatus and method for the

<http://www.freshpatents.com/Method-and-apparatus-for-determining-the-oxygen-permeability-of-a-polymer-dt20080925ptan20080233006.php>

## **Polymer Permeability | J. Comyn | Springer -**

Polymers are permeable, whilst ceramics, glasses and metals are generally impermeable. This may seem a disadvantage in that polymeric containers may <http://www.springer.com/us/book/9780412538209>

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