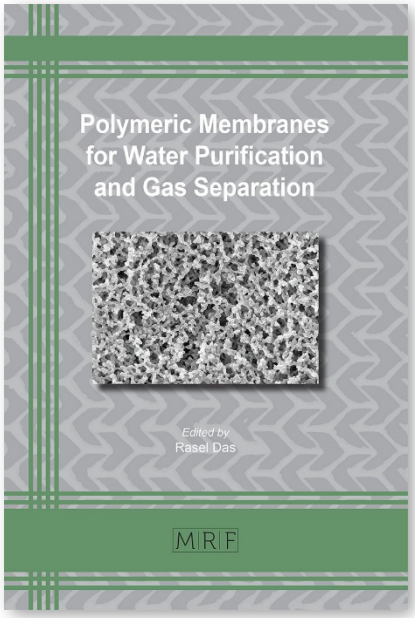
**eBook Information**

**Materials Research**
**Solid State Physics and Engineering**

# Polymeric Membranes for Water Purification and Gas Separation




## Ed. Rasel Das

Monograph / PDF eBook DRM Free

The book discusses various types of membranes for microfiltration, ultrafiltration, nanofiltration, reverse osmosis, forward osmosis etc.

*Keyword:* Polymeric Membrane, Water Purification, Water Softening, Water Desalination, Gas Separation, Osmosis Membranes, Microfiltration, Ultrafiltration, Nanofiltration, Carbon Nanotube, Nanosheets, MOFs, Porous Organic Cages, Titanium Dioxide, Zinc Oxide, Mesoporous Silica Nanoparticles, O2/N2 Separation, CO2/CH4 Separation, H2/N2 Separation

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**BIC/Thema:** TGM
**Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Wordwide*

Summary:

Various organic and synthetic polymers are important materials for the removal of organic and inorganic pollutants from wastewater and the separation of gases. The book discusses various types of membranes for microfiltration, ultrafiltration, nanofiltration, reverse osmosis, forward osmosis etc. A number of nanomaterials are available for the modification of polymeric membranes.

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# Full Color Print Book Information

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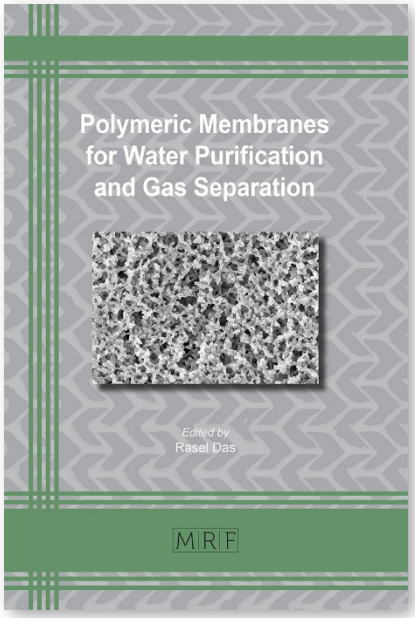


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