

# Geomechanical Rock Properties

@wikipedia

Special types of [petrophysical modelling](#) based on the preliminary [Core Analysis](#) and primary [Reservoir Data Log Interpretation](#) and includes:

|                       | Effective porosity              | Pressure                        |
|-----------------------|---------------------------------|---------------------------------|
| Compressibility       | Compressibility-porosity models | Compressibility-pressure models |
| Absolute Permeability | Permeability-porosity models    | Permeability-pressure models    |

## See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Petrophysics](#)

[ [Compressibility](#) ][ [Young modulus \(E\)](#) ][ [Poisson's ratio \(\)](#) ][ [Plane stress modulus \(E'\)](#) ]