

Open porosity

Synonym: [Connected porosity](#) = [Open porosity](#)

Part of the [effective porosity](#) with interconnected [pores](#):

$$\phi_{\text{opn}} = \frac{V_{\text{opn}}}{V_r}$$

where

V_{con}	connected pore volume
V_r	bulk rock volume

Opposite to [disconnected \(closed\) porosity](#).

See also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Petrophysics \(PP\)](#) / [Volumetric Rock Model](#)

[[Basic reservoir properties](#)] [[Pore volume](#)] [[Connected pore volume](#)] [[Closed pore volume](#)] [[Porosity](#)] [[Effective porosity \(PHIE\)](#)] [[Connected porosity](#)] [[Closed porosity](#)]