

Closed porosity

Synonym: [Disconnected porosity](#) = [Closed porosity](#)

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

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

where

V_{cls}	closed pore volume
V_r	bulk rock volume

Opposite to [Connected \(open\) 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](#)] [[Open porosity](#)] [[Closed porosity](#)]