

Fracture porosity = f

A part of fracture void occupied available for fluid flow around the [proppant](#) grains:

(1)
$$\phi_f = 1 - \frac{V_{fp}}{V_f}$$

where

V_f	fracture volume
V_{fp}	proppant volume

See Also

[Geology / Rocks / Fracture](#)

[[Fracture](#)] [[Infinite conductivity fracture](#)] [[Finite conductivity fracture](#)]

[[Petroleum Industry / Upstream / Well / Well-Reservoir Contact \(WRC\) / Hydraulic Fracture](#)]

[[Production / Subsurface Production / Well & Reservoir Management \(WRM\) / Well stimulation / Hydraulic Fracturing](#)]

[[Hydraulic Fracture @model](#)]