

Phase volume fraction = s

Relative volume occupied by [Phase](#) with respect to gross volume of [Multi-phase fluid](#) sample:

(1)
$$s_{\alpha} = \frac{V_{\alpha}}{V}$$

where

V_{α}	volume occupied by α - phase
$V = \sum_{\alpha} V_{\alpha}$	total volume of Multiphase Fluid sample which is a sum of all phase volumes

See also

[Natural Science](#) / [Physics](#) / [Thermodynamics](#) / [Thermodynamic system](#) / [Phase](#) / [Multi-phase fluid](#)

[[Multiphase Fluid vs Fluid Mixture](#)]