Shear modulus = G

@wikipedia

Medium response to shear stress and quantified as proportionality between shear stress τ_{xy} and shear strain ϵ_{xy} in a certain plane $\{xy\}$:

(1) $$G = \frac{\tau_{xy}}{\epsilon_{xy}}$$

For isotropic materials it is related to Young modulus (E) and Poisson's ratio () as:

(2) $$G = \frac{E}{3(2+\nu)}$$

See also

Physics / Mechanics / Continuum mechanics / Continuum Body / Deformation

[Solid Mechanics] [Fluid Mechanics]

[Compressibility] [Young modulus (E)][Poisson's ratio ()][Bulk modulus]