Young‘s Modulus: **Young's modulus**, also known as the **tensile modulus** or [elastic modulus](https://en.wikipedia.org/wiki/Elastic_modulus), is a mechanical property of [linear](https://en.wikipedia.org/wiki/Linear_elasticity) [elastic](https://en.wikipedia.org/wiki/Elasticity_%28physics%29) solid materials. It measures the force (per unit area) that is needed to stretch (or compress) a material sample.

<https://en.wikipedia.org/wiki/Young%27s_modulus>