

Glossary

Cohesion:

The molecular force between particles within a body or substance that acts to unite them.

Tensile strength:

The resistance of a material to break under tension.

The tensile strength of a material is the maximum amount of tensile stress that it can take before failure, for example breaking.

Ductility: Ductility is a solid material's ability to deform under tensile stress; this is often characterized by the material's ability to be stretched into a wire.