

Comments on Ductility (January 2004)

Whether a material is ductile or brittle can be, and often is, a subjective guess. Whether a material is ductile or brittle will depend on temperature, strain levels, and other environmental conditions. A 5% elongation criterion at break, however, is a reasonable dividing line. Materials with a larger elongation can be considered ductile and those with a lower value can be considered brittle. In addition, a brittle material's compressive strength is usually much larger than its tensile strength.

This information was found at www.efunda.com, which may be useful source of other fundamental engineering data.