



Material Definition

Name: EN8

Description:

Density: 7.854e-06 kg/mm³

Structural | Thermal | Miscellaneous | Appearance | User Defined

Symmetry: Isotropic

Stress-Strain Response: Linear

Poisson's Ratio: 0.27

Young's Modulus: 207 GPa

Coeff. of Thermal Expansion: /C

Mechanisms Damping: sec/mm

Material Limits

Tensile Yield Stress: 250 MPa

Tensile Ultimate Stress: 460 MPa

Compressive Ultimate Stress: kPa

* Required Fields

Failure Criterion: Distortion Energy (von Mises)

Fatigue: None

Ok Cancel

Material Definition

Name: EN24

Description:

Density: 7.854e-06 kg/mm³

Structural | Thermal | Miscellaneous | Appearance | User Defined

Symmetry: Isotropic

Stress-Strain Response: Linear

Poisson's Ratio: 0.27

Young's Modulus: 207 GPa

Coeff. of Thermal Expansion: /C

Mechanisms Damping: sec/mm

Material Limits

Tensile Yield Stress: 680 MPa

Tensile Ultimate Stress: 940 MPa

Compressive Ultimate Stress: kPa

* Required Fields

Failure Criterion: Distortion Energy (von Mises)

Fatigue: None

Ok Cancel

