

OptionsSecurityHelp

Material Selection

Material Master

ASME 2010 - Table 2A

☒ English Units
☐ SI Units

☒ Show All Materials
☐ Select Individual Materials

Type material spec below...

Add --->
Remove <---

Material Summary

Temperature (°F)70

Get Material Values...

SA-182, Gr. F1, Forgings, C-0.5h

Cold Allowable - psi	23300
Hot Allowable - psi	23300
Cold Modulus - psi	29.000e6
Hot Modulus - psi	29.000e6
Alpha - in/in/°F	6.4000e-6
Cold Yield - psi	40000
Hot Yield - psi	40000
Cold Tensile - psi	70000
Hot Tensile - psi	70000
Conductivity	

Report Type

☒ Tabular Presentation
☐ Chart/Graphical Presentation

☒ General Material Properties
☐ Fatigue Curves
☐ Isochronous Stress/Strain Curves
☐ Creep Rupture Strength
☐ Plasochronous Curve
☐ ASME III, NH Ratcheting Report

Show More....

Mat/PRO 3.5 - ASME 2010 Section I...

OptionsSecurityHelp

Material Selection

Material Master

ASME 2010 - Table 2A

☒ English Units

☐ SI Units

☐ Show All Materials

☒ Select Individual Materials

Type material spec below...

SA-181, , Cl. 60, Forgings, Car

Add <-->

Remove <-->

Show More...>>

Material Summary

Temperature (°F)70

Get Material Values...

SA-181, , Cl. 60, Forgings, Carbon Steel

Cold Allowable - psi	20000
Hot Allowable - psi	20000
Cold Modulus - psi	29.200e6
Hot Modulus - psi	29.200e6
Alpha - in/in/°F	6.4000e-6
Cold Yield - psi	30000
Hot Yield - psi	30000
Cold Tensile - psi	60000
Hot Tensile - psi	60000
Conductivity	

Report Type

☒ Tabular Presentation

☐ Chart/Graphical Presentation

☒ General Material Properties

☐ Fatigue Curves

☐ Isochronous Stress/Strain Curves

☐ Creep Rupture Strength

☐ Plasticity Curve

☐ ASME III, NH Ratcheting Report