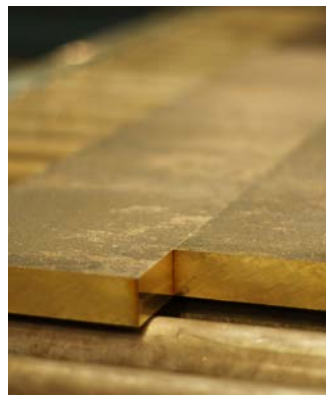


C26000 BRASS PLATE

Cut to size | Waterjet cutting | Ready for Immediate Shipment!



NBM Metals maintains a large inventory of C26000 brass plate. C26000 70/30 plate is used more than any other brass product. It has excellent to good corrosion resistance in many applications, however it is not suitable for use with materials such as acetic acid, ammonia, hydrochloric acid and nitric acid. C26000 brass plate is used in industries such as Automotive, Electrical, Plumbing, Architecture and more.

Typical Uses

Architecture: Grillwork

Automotive: Radiator Cores, Tanks, Heat Exchangers, Battle Plates

Electrical: Flashlight Shells, Lamp Fixtures, Reflectors, Screw Shells, Socket Shells

Hardware: Bead Chain, Chain, Eyelets, Fasteners, Grommets, Decorative Hardware Articles (Hinges, Kick Plates, Locks, Push Plates, etc.), Stencils

Industrial: Pump and Power Cylinders and Liners

Ordinance: Ammunition Components

Plumbing: Plumbing Accessories, Plumbing Brass Goods

Wire: Pins, Rivets, Screws, Springs

Similar or Equivalent Specifications

Plate

ASTM B19, ASTM B36, ASTM B248

Rod

ASTM B135

Shapes

ASTM B129

Tube

ASTM B135

Wire

ASTM B134

Sizes Available from NBM

Plate..... 37"W / 48" W / 61" W X 120" L

Sheet..... 37"W / 48" W / 61" W X 120" L

Sheet..... up to 6"

- Larger than listed sizes are available on request.
- Our waterjet cutting service can provide your company with precision blanks, near net shape parts, and semi finished components.
- We maintain a large inventory of plate and sheet stock suitable for use in a wide variety of applications.



The Leading USA Manufacturer & Master Distributor
of Brass, Bronze, & Copper Alloys

C26000 BRASS PLATE

Chemical Composition, Thermal Properties, Physical Properties

Chemical Composition

	Cu(1)	Pb	Zn	Fe
min	68.5	-	-	-
max	71.5	0.07	Rem	0.05

1. Cu + Sum of Named Elements, 99.7% min.

Thermal Properties

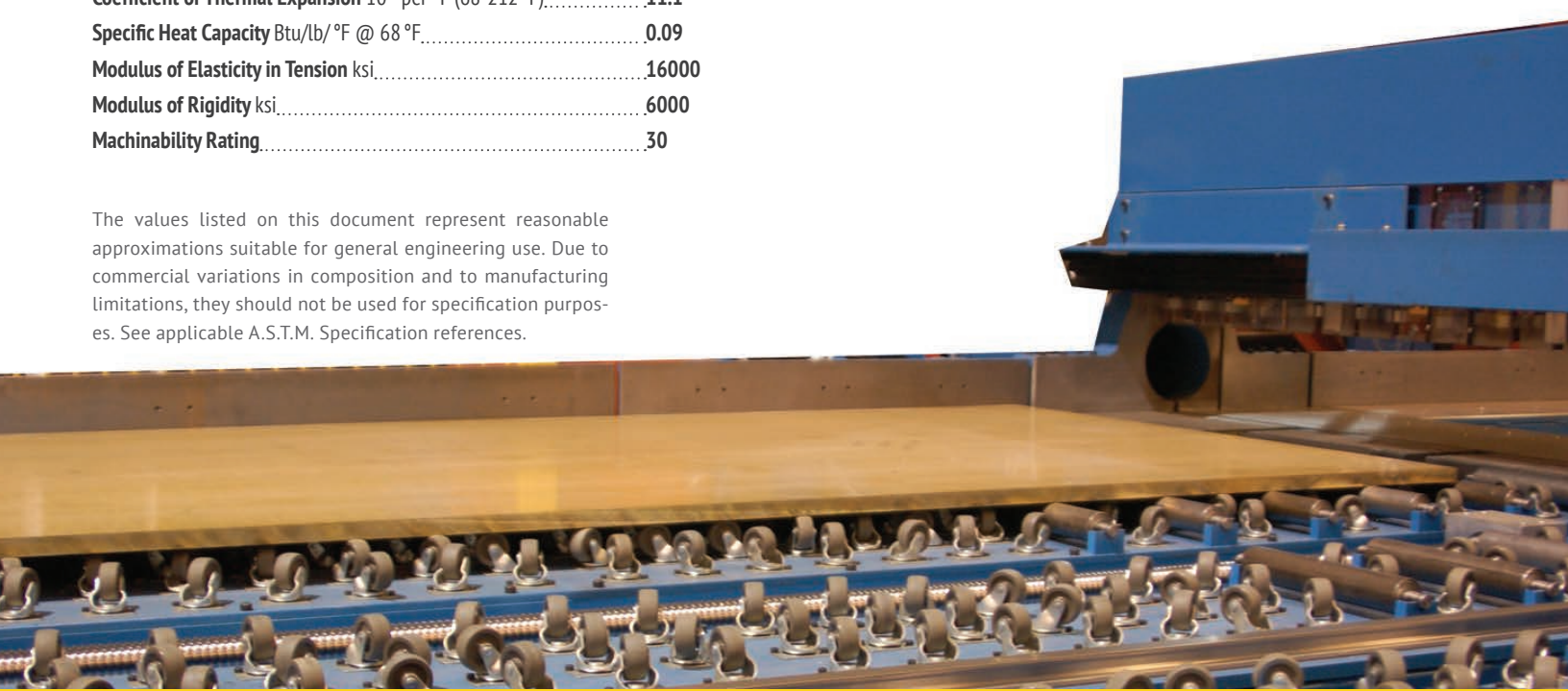
Treatment	Minimum*	Maximum*
Annealing	800	1400
Hot Treatment	1350	1550

*Measured in Fahrenheit

Physical Properties

Melting Point - Liquidus °F.....	1750
Melting Point - Solidus °F.....	1680
Density lb/cu in @ 68 °F.....	0.308
Specific Gravity.....	8.53
Electrical Conductivity %IACS @ 68 °F.....	28
Thermal Conductivity Btu/ sq ft/ ft hr/ °F at 68°F.....	70
Coefficient of Thermal Expansion 10 ⁻⁶ per °F (68-212 °F).....	11.1
Specific Heat Capacity Btu/lb/ °F @ 68 °F.....	0.09
Modulus of Elasticity in Tension ksi.....	16000
Modulus of Rigidity ksi.....	6000
Machinability Rating.....	30

The values listed on this document represent reasonable approximations suitable for general engineering use. Due to commercial variations in composition and to manufacturing limitations, they should not be used for specification purposes. See applicable A.S.T.M. Specification references.



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