

Material: ASTM B138 C67600

Standard Specification for Manganese Bronze Rod, Bar and Shapes

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B138 Manganese Bronze Rod, Bar and Shapes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Rod, Bar and Shape

Chemical Composition		
Iron	Fe %	0.400 - 1.300
Manganese	Mn %	0.050 - 0.500
Lead	Pb %	0.500 - 1.000
Tin	Sn %	0.500 - 1.500
Copper	Cu %	57.000 - 60.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
Tensile Strength in Mpa	380 - 550
Yield Strength in Mpa	150 - 385
Elongation in %	8 - 20
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B124 C67600	ASTM	USA	Rod, Bar and Shapes
B283 C67600	ASTM	USA	Forging
SB-283 C67600	ASME	USA	Forging
C67600	UNS	USA	Rod, Bar and Shape
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-	-	-	-
-	-	-	-

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