GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM B124 UNS C61900

Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B124 Copper and Copper Alloy Forging 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		
Lead	Pb %	0.020 max.
Tin	Sn %	0.600 max.
Iron	Fe %	3.000 - 4.500
Aluminium	Al %	8.500 - 10.000
Zinc	Zn %	0.800 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
Tensile Strength in Mpa	344 min.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
B150 C61900	ASTM	USA	Rod, Bar and Shape
B283 C61900	ASTM	USA	Forging
SB-150 C61900	ASME	USA	Forging
SB-283 C61900	ASME	USA	Forging
C61900	UNS	USA	Rod, Bar and Shapes
C 6191 BD	JIS	Japan	Rod and Bar
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com