

Material: ASTM B124 UNS C37700

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			Heat Treatment	
Lead	Pb %	1.500 - 2.500	Normalizing or Annealing or Tempering	
Iron	Fe %	0.300 max.		
Zinc	Zn %	Balance		
Copper	Cu %	58.000 - 61.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			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
B981 C37700	ASTM	USA	Rod, Bar, Wire and Shapes
CuZn39Pb2	UNI	Italy	Plate, Sheet and Strip
CW612N	UNI	Italy	Forging
CW612N	ONORM	Australia	Forging
B283 C37700	ASTM	USA	Forging
SB-283 C37700	ASME	USA	Forging
CA377	SAE	USA	Forging

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Customer Care: +91-99090 45075 Email: info@icastllp.com