



Material - ASTM B301 C14700

Standard Specification for Copper Rod, Bar, Wire and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B301 Copper Rod, Bar, Wire and Shapes

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

Grade Belongs to the Industry - Rod, Bar, Wire and Shapes

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.002 - 0.005	Normalizing or Annealing or Tempering	
Sulphur	S %	0.200 - 0.500		
Copper	Cu %	99.90 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	154.500 - 698.200
			Yield Strength in Mpa	55 - 367
			Elongation in %	4 - 12
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C14700	UNS	USA	Rod, Bar, Tube and Shapes
B224 C14700	ASTM	USA	Casting
B283 C14700	ASTM	USA	Forging
SB-283 C14700	ASME	USA	Forging
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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