

Material - ASTM B301 C14500

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	
Tellurium	Te %	0.400 - 0.700	Normalizing or Annealing or Tempering	
Phosphorus	P %	0.004 - 0.012		
Copper	Cu %	99.90 min.		
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-	-	-		
-	-	-		
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-	-	-	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 -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C14500	UNS	USA	Rod, Bar, Tube and Shapes
B224 C14500	ASTM	USA	Casting
B283 C14500	ASTM	USA	Forging
SB-283 C14500	ASME	USA	Forging
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For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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