

Material: ASTM B505 UNS C95900

Standard Specification for Copper Alloy Continuous Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B505 / 505M Copper Alloys for Continuous Castings

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

Belongs to the Industry: Rod, Bar, Tube and Shapes

Chemical Composition			Heat Treatment	
Ni + Cu	Ni% + Cu%	0.500 max.	As-Cast or Annealing	
Iron	Fe %	3.000 - 5.000		
Manganese	Mn %	1.500 max.		
Aluminium	Al %	12.000 - 13.500		
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HB	241 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B30 C95900	ASTM	USA	Ingot and Casting
B271 C95900	ASTM	USA	Casting
B505 C95900	ASTM	USA	Casting
B148 C95900	ASTM	USA	Casting
SB-148 C95900	ASME	USA	Casting
SB-271 C95900	ASME	USA	Casting
SB-505 C95900	ASME	USA	Casting

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