

Material - ASTM B505 Manganese Nickel Aluminium Bronze UNS C95700

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	
Lead	Pb %	0.030 max.	As-Cast	
Ni + Cu	Ni% + Cu%	1.500 - 3.000		
Iron	Fe %	2.000 - 4.000		
Manganese	Mn %	11.000 - 14.000		
Aluminium	Al %	7.000 - 8.000		
Silicon	Si %	0.100 max.		
Copper	Cu %	71.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 620 min. Yield Strength in Mpa 275 min. Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B148 C95700	ASTM	USA	Casting
B148 Grade F	ASTM	USA	Casting
B30 9F	ASTM	USA	Casting
SB-148 C95700	ASME	USA	Casting
SB-148 Grade 9F	ASME	USA	Casting
SB-148 Grade F	ASME	USA	Casting

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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