

Material - ASTM B148 C95410

Standard Specification for Aluminum-Bronze Sand Casting

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B148 Aluminum-Bronze Sand Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	10.000 - 11.500	As-Cast or Solution Annealing or Annealing	
Iron	Fe %	3.000 - 5.000		
Manganese	Mn %	0.500 max.		
Ni + Co	Ni% + Co%	1.500 - 2.500		
Copper	Cu %	83.000 min.		
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-	-	-	Mechanical Properties Tensile Strength in Mpa 515 - 620 Yield Strength in Mpa 205 - 310 Elongation in % 6 - 12 Reduction of Area in % - Hardness in HB 150 - 190 Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C95410	UNS	USA	Rod, Bar, Tube and Shapes
B271 C95410	ASTM	USA	Casting
B30 C95410	ASTM	USA	Ingot and Casting
B505 C95410	ASTM	USA	Casting
SB-148 C95410	ASME	USA	Casting
SB-505 C95410	ASME	USA	Casting
CACIn702	KS	Korea	Ingot and 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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