

Material - ASTM B30 C95520

Standard Specification for Copper Alloys Ingot and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B30 Copper Alloys Ingot and Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	10.500 - 11.500	As-Cast or Solution Annealing or Annealing	
Cobalt	Co %	0.200 max.		
Chromium	Cr %	0.050 max.		
Iron	Fe %	4.000 - 5.500		
Manganese	Mn %	1.500 max.		
Nickel	Ni %	4.200 - 6.000		
Lead	Pb %	0.030 max.		
Silicon	Si %	0.150 max.		
Tin	Sn %	0.250 max.		
Zinc	Zn %	0.300 max.	Mechanical Properties Tensile Strength in Mpa 862 min. Yield Strength in Mpa 655 min. Elongation in % 3 min. Reduction of Area in % - Hardness in HB 262 min. Impact in Joule -	
Copper	Cu %	74.500 min.		
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-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C95520	UNS	USA	Rod, Bar, Tube and Shapes
B271 C95520	ASTM	USA	Casting
B505 C95520	ASTM	USA	Casting
SB-148 C95520	ASME	USA	Casting
78Cu-11Al-5.1Ni-4.8Fe	SAE	USA	Casting
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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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