



## Material - SAE J462 660

### Standard Specification for Cast Copper Alloys

Group - Non-Ferrous Copper Alloy

Sub Group - SAE J462 Cast Copper Alloys

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.005 max.	As-Cast	
Iron	Fe %	0.200 max.		
Nickel	Ni %	0.500 max.		
Phosphorus	P %	0.150 max.		
Lead	Pb %	6.000 - 8.000		
Aluminium	Al %	0.350 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	6.200 - 7.500		
Zinc	Zn %	2.000 - 4.000		
Copper	Cu %	81.000 - 85.000		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      207 - 241 Yield Strength in Mpa      138 min. Elongation in %      10 - 12 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
C93200	UNS	USA	Rod, Bar, Tube and Shapes
B30 C93200	ASTM	USA	Ingot and Casting
SB-505 C93200	ASME	USA	Casting
SB-584 C93200	ASME	USA	Casting
C93200	SAE	USA	Casting
C93200	AS	Australia	Ingot and Casting
CA932	SAE	USA	Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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