



## Material - IS 6912 Cu FNS

Standard Specification for Copper and Copper Alloy Forging Stock and Forgings

Group - Non-Ferrous Copper Alloy

Sub Group - IS 6912 Copper and Copper Alloy Forging Stock and Forgings

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

Grade Belongs to the Industry - Forging

Chemical Composition			Heat Treatment	
Lead	Pb %	1.000 - 2.500	As Raw	
Iron	Fe %	0.300 max.		
Manganese	Mn %	0.200 - 0.300		
Nickel	Ni %	9.000 - 11.000		
Copper	Cu %	44.000 - 48.000		
Other	Ot%	0.500 max.		
Copper	Cu %	44.000 - 48.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b>	
-	-	-	Tensile Strength in Mpa	460 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	8 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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-	-	-	-
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**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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