

Material: IS 6912 DPA

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		
Tin	Sn %	0.100 max.
Lead	Pb %	0.010 max.
Iron	Fe %	0.030 max.
Nickel	Ni %	0.150 max.
Arsenic	As %	0.200 - 0.500
Antimony	Sb %	0.100 max.
Phosphorus	P %	0.020 - 0.100
Tellurium	Te %	0.020 max.
Bismuth	Bi %	0.003 max.
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As Raw

Mechanical Properties	
Tensile Strength in Mpa	215 min.
Yield Strength in Mpa	-
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India