



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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			Heat Treatment	
Tin	Sn %	0.100 max.	As Raw	
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		
-	-	-	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 -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS