

Material: IS 4076

Standard Specification for Hard Brass Wire for Springs and Other Special Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 4076 Hard Brass Wire for Springs and Other Special Purposes

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

Belongs to the Industry: Strip and Foil

Chemical Composition			Heat Treatment	
Lead	Pb %	0.050 max.	As Raw	
Iron	Fe %	0.100 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	63.000 - 66.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	695 - 775
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	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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Customer Care: +91-99090 45075 Email: info@icastllp.com