

Material: IS 191 Cu-ETP

Standard Specification for Copper

Group: Non-Ferrous Copper Alloy Sub

Group: IS 191 Copper

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

Belongs to the Industry: Ingot and Casting

Chemical Composition			Heat Treatment	
Lead	Pb %	0.005 max.	As-Cast	
Oxygen	O %	0.045 max.		
Cu + Ag	Cu% + Ag%	99.90 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	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
Cu FRHC	IS	India	Ingot and Casting
CuCATH-HB	IS	India	Strip
CuCATH-HD	IS	India	Strip
CuCATH-O	IS	India	Strip
CuETP-HA	IS	India	Plate, Sheet, Strip and Foils
CuETP-HB	IS	India	Strip
C 101	BS	British	Rod and Section

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