

Material: IS 407 CuZn30As

Standard Specification for Brass Tubes for General Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 407 Brass Tubes for General Purposes

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

Belongs to the Industry: Tube

Chemical Composition		
Lead	Pb %	0.070 max.
Iron	Fe %	0.060 max.
Arsenic	As %	0.020 - 0.060
Other	Ot%	0.300 max.
Cu + Ni	Cu%+Ni%	68.500 - 71.500
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Stress Relieving or As Drawn or Hardening & Tempering or Tempering & Annealing or Annealing

Mechanical Properties	
Tensile Strength in Mpa	285 min.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HV	75 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn30As-HD	IS	India	Tube
CuZn30As-O	IS	India	Tube
CuZn30As-TA	IS	India	Tube
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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