

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			Heat Treatment	
Lead	Pb %	0.070 max.	Stress Relieving or As Drawn or Hardening & Tempering or Tempering & Annealing or Annealing	
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		
-	-	-		
-	-	-	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 -	
-	-	-		
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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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