

Material: IS 4170 CuZn20

Standard Specification for Brass Rods for General Engineering Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 4170 Brass Rods for General Engineering Purposes

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

Belongs to the Industry: Rod

Chemical Composition			Heat Treatment	
Lead	Pb %	0.100 max.	As Raw or Annealing	
Iron	Fe %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	79.000 - 81.000		
Zinc	Zn %	Balance		
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			Mechanical Properties	
			Tensile Strength in Mpa	25 min.
			Yield Strength in Mpa	-
			Elongation in %	50 min.
			Reduction of Area in %	-
			Hardness in HV	90 max.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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