

Material: IS 10742 Grade III

Standard Specification for Cast Gun Metal Rods and Bars

Group: Non-Ferrous Copper Alloy

Sub Group: IS 10742 Cast Gun Metal Rods and Bars

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

Belongs to the Industry: Rod and Bar

Chemical Composition			Heat Treatment	
Tin	Sn %	9.500 - 0.500	As-Cast	
Zinc	Zn %	1.750 - 2.750		
Lead	Pb %	1.500 max.		
Nickel	Ni %	1.000 max.		
Iron	Fe %	0.150 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	Balance		
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-	-	-	Mechanical Properties Tensile Strength in Mpa 270 min. Yield Strength in Mpa - Elongation in % 13 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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