



## Material - MSZ EN 1982 CuSn7Zn2Pb3-B

### Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - MSZ EN 1982 Copper and Copper Alloys - Ingots and Castings

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.010 max.	As-Cast	
Iron	Fe %	0.200 max.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.030 max.		
Lead	Pb %	2.700 - 3.500		
Sulphur	S %	0.080 max.		
Antimony	Sb %	0.250 max.		
Silicon	Si %	0.010 max.		
Tin	Sn %	6.200 - 8.000	Mechanical Properties	
Zinc	Zn %	1.700 - 3.200	Tensile Strength in Mpa	230 - 270
Cu + Ni	Cu%+Ni%	85.000 - 88.500	Yield Strength in Mpa	130 min.
-	-	-	Elongation in %	12 - 14
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	65 - 70
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB492K	BS	British	Tube
CB492K	UNE	Spain	Ingot and Casting
CuSn7Zn2Pb3-B	UNE	Spain	Ingot and Casting
CB492K	ONORM	Australia	Ingot and Casting
CuSn7Zn2Pb3-B	ONORM	Australia	Ingot and Casting
CB492K	MSZ	Hungary	Ingot and Casting
CB492K	AFNOR NF	France	Ingot and Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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