



## Material - BS EN 1982 CuSn3Zn8Pb5-C (CC490K)

Standard Specification for Copper and Copper Alloys - Ingot and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

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 %	0.500 max.		
Sulphur	S %	0.100 max.		
Antimony	Sb %	0.300 max.		
Sulphur	S %	0.050 max.		
Antimony	Sb %	0.100 max.		
Silicon	Si %	0.010 max.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.050 max.		
Lead	Pb %	3.000 - 6.000		
Tin	Sn %	2.000 - 3.500	<b>Mechanical Properties</b> Tensile Strength in Mpa   180 min. Yield Strength in Mpa   85 min. Elongation in %   15 min. Reduction of Area in %   - Hardness in HBW   60 min. Impact in Joule   -	
Zinc	Zn %	7.000 - 9.500		
Copper	Cu %	81.000 - 86.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB490K	DIN	Germany	Ingot and Casting
CuSn3Zn8Pb5-B	DIN	Germany	Ingot and Casting
CB490K	EN	European Union	Ingot and Casting
CuSn3Zn8Pb5-B	EN	European Union	Ingot and Casting
CB490K	AFNOR NF	France	Ingot and Casting
CuSn3Zn8Pb5-B	AFNOR NF	France	Ingot and Casting
CB490K	UNI	Italy	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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