

# Material: BS EN 1982 CuAl9-B (CB330G)

## 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		
Lead	Pb %	0.300 max.
Silicon	Si %	0.200 max.
Tin	Sn %	0.300 max.
Zinc	Zn %	0.500 max.
Manganese	Mn %	0.500 max.
Nickel	Ni %	1.000 max.
Iron	Fe %	1.200 max.
Aluminium	Al %	8.000 - 10.500
Cu + Ni	Cu%+Ni%	88.000 - 92.000
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	500 min.
Yield Strength in Mpa	180 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HBW	100 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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