



Material - EN 1982 CB761S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - 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 %	0.100 max.	As-Cast	
Iron	Fe %	0.500 max.		
Manganese	Mn %	0.200 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.020 max.		
Lead	Pb %	0.600 max.		
Antimony	Sb %	0.050 max.		
Silicon	Si %	3.000 - 5.000	Mechanical Properties Tensile Strength in Mpa 400 - 500 Yield Strength in Mpa 230 - 340 Elongation in % 5 - 10 Reduction of Area in % - Hardness in HB 100 - 190 Impact in Joule -	
Tin	Sn %	0.250 max.		
Copper	Cu %	78.500 - 82.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC761S	BS	British	Ingot and Casting
CB761S	UNE	Spain	Ingot and Casting
CB761S	UNI	Italy	Ingot and Casting
CuZn16Si4-B	DIN	Germany	Ingot and Casting
CuZn16Si4-B	ONORM	Australia	Ingot and Casting
CuZn16Si4-B	MSZ	Hungary	Ingot and Casting
CuZn16Si4-B	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

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