Material: DIN EN 1982 CuZn16Si4-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: *Non-Ferrous Copper Alloy*

Sub Group: *DIN 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		
Aluminium	Al %	0.100 max.
Iron	Fe %	0.600 max.
Manganese	Mn %	0.200 max.
Nickel	Ni %	1.000 max.
Phosphorus	P %	0.030 max.
Lead	Pb %	0.800 max.
Antimony	Sb %	0.050 max.
Silicon	Si %	3.000 - 5.000
Tin	Sn %	0.300 max.
Copper	Cu %	78.000 - 83.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CB761S	BS	British	Ingot and Casting
CC761S	AFNOR NF	France	Ingot and Casting
CC761S	UNE	Spain	Ingot and Casting
CC761S	UNI	Italy	Ingot and Casting
CuZn16Si4-C	ONORM	Australia	Ingot and Casting
CuZn16Si4-C	MSZ	Hungary	Ingot and Casting
CuZn16Si4-C	AFNOR NF	France	Ingot and Casting

Customer Care: +91-99090 45075 Email: info@icastllp.com