Material: EN CEN/TS 13388 CF301G

Standard Specification for Copper and Copper Alloys

Group: *Non-Ferrous Copper Alloy*
Sub Group: *EN CEN/TS 13388 Copper and Copper Alloys*
Application: *Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade*
Belongs to the Industry: *Ingot and Casting*

Chemical Composition		
Aluminium	Al %	6.000 - 6.400
Iron	Fe %	0.500 - 0.700
Manganese	Mn %	0.100 max.
Nickel	Ni %	0.100 max.
Other	Ot%	0.200 max.
Lead	Pb %	0.050 max.
Silicon	Si %	2.000 - 2.400
Tin	Sn %	0.100 max.
Zinc	Zn %	0.400 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	520 - 630
Yield Strength in Mpa	230 - 350
Elongation in %	10 - 20
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
AB3	BS	British	Ingot and Casting
CA 107	BS	British	Rod and Section
CF301G	BS	British	Ingot and Casting
CF301G	DIN	Germany	Ingot and Casting
CF301G	ONORM	Australia	Ingot and Casting
CuAl6Si2Fe	BS	British	Ingot and Casting
C23	BS	British	Ingot and Casting

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