

Material: ONORM CEN/TS 13388 CF301G

Standard Specification for Copper and Copper Alloys

Group: Non-Ferrous Copper Alloy

Sub Group: ONORM 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			Heat Treatment	
Aluminium	Al %	6.000 - 6.400	As-Cast	
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		
-	-	-	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
CF301G	EN	European Union	Ingot and Casting
CA 107	BS	British	Rod and Section
CF301G	BS	British	Ingot and Casting
CF301G	DIN	Germany	Ingot and Casting
CuAl6Si2Fe	BS	British	Ingot and Casting
C23	BS	British	Ingot and Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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