GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS CEN/TS 13388 CuAl6Si2Fe

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	500 - 600
Yield Strength in Mpa	250 - 350
Elongation in %	10 - 20
Reduction of Area in %	-
Hardness in HB	125 - 155
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
CF301G	ONORM	Australia	Ingot and Casting
C23	BS	British	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