GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ISO 1637 CuAl10Fe3

Standard Specification for Wrought Copper and Copper Alloy Rod and Bar

Group - Non-Ferrous Copper Alloy

Sub Group - ISO 1637 Wrought Copper and Copper Alloy Rod and Bar

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Rod and Bar

Chemical Composition		
Aluminium	Al %	8.500 - 9.500
Iron	Fe %	2.500 - 4.000
Magnesium	Mg %	0.050 max.
Manganese	Mn %	1.000 max.
Lead	Pb %	0.050 max.
Silicon	Si %	0.250 max.
Tin	Sn %	0.100 max.
Zinc	Zn %	0.500 max.
Copper	Cu %	86.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	520 min.
Yield Strength in Mpa	210 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
AB1	BS	British	Casting
952C	AS	Australia	Ingot and Casting
C95210	AS	Australia	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