GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D2320 CACIn702

Standard Specification for Copper Alloys Ingot for Casting

Group - Non-Ferrous Copper Alloy

Sub Group - KS D2320 Copper Alloys Ingot for Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition		
Aluminium	Al %	8.000 - 10.500
Iron	Fe %	2.500 - 5.000
Manganese	Mn %	0.100 - 1.500
Nickel	Ni %	1.000 - 3.000
Lead	Pb %	0.100 max.
Tin	Sn %	0.100 max.
Zinc	Zn %	0.500 max.
Copper	Cu %	80.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Solution Annealing or Annealing

Mechanical Properties	
Tensile Strength in Mpa	586 - 655
Yield Strength in Mpa	221 - 310
Elongation in %	10 - 12
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
C95410	UNS	USA	Rod, Bar, Tube and Shapes
B148 C95410	ASTM	USA	Casting
B271 C95410	ASTM	USA	Casting
B30 C95410	ASTM	USA	Ingot and Casting
B505 C95410	ASTM	USA	Casting
SB-148 C95410	ASME	USA	Casting
SB-505 C95410	ASME	USA	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