GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 12167 CuZn43Pb2 I CW623N

Standard Specification for Copper and Copper Alloys - Profiles and Rectangular Bar for General Purposes

Group - Non-Ferrous Zinc Alloys

Sub Group - BS EN 12167 CuZn43Pb2 I CW623N Copper and Copper Alloys - Profiles and Rectangular Bar for General Purposes

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

Grade Belongs to the Industry - Bars

Chemical Composition		
Aluminium	Al %	0.050 max.
Iron	Fe %	0.300 max.
Nickel	Ni %	0.300 max.
Lead	Pb %	1.600 - 3.000
Tin	Sn %	0.300 max.
Other	Ot %	0.200 max.
Copper	Cu %	55.000 - 57.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw

Mechanical Properties	
Tensile Strength in Mpa	480 min.
Proof Strength in Mpa	330 min.
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
C36010	UNS	USA	Bars
H 3250 C3771	JIS	Japan	Rods and Bars
H 3250 C3603	JIS	Japan	Rods and Bars
H 3250 C3604	JIS	Japan	Rods and Bars
H 3250 C3602	JIS	Japan	Rods and Bars
2874 CZ131	BS	British	Rods
2874 CZ122	BS	British	Rods

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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