GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - UNE CuBe2Pb

Standard Specification for Copper and Copper Alloy Rod for Free Machining Purpose

Group - Non Ferrous Copper Alloys

Sub Group - UNE CuBe2Pb Copper and Copper Alloy Rod for Free Machining Purpose

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

Grade Belongs to the Industry - Rod

Chemical Composition		
Cobalt	Co %	0.300 max.
Lead	Pb %	0.200 - 0.600
Iron	Fe %	0.200 max.
Beryllium	Be %	1.800 - 2.000
Nickel	Ni %	0.300 max.
Other	Ot %	0.500 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Solution Heat Treated

Mechanical Properties	
Tensile Strength in Mpa	1150 min.
Yield Strength in Mpa	1000 min.
Elongation in %	2 min.
Reduction of Area in %	-
Hardness in BHN	340 - 430
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
EN 12164 CuBe2Pb	DIN	Germany	Rod
CW102C	BS	British	Rod
CuBe2Pb	BS	British	Rod
CW102C	UNE	Spain	Rod
CW102C	NBN	Belgium	Rod
CuBe2Pb	NBN	Belgium	Rod
CW102C	AFNOR NF	France	Rod

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