


CuBe2

Standard Beryllium Copper

Norms	Description	Applications
UNS C17200 DIN 2.1247 R.W.M.A. Class IV	Strongly age hardenable copper alloy with excellent cold formability, high corrosion resistance, and good electrical conductivity.	<ul style="list-style-type: none"> ● Flash Welding Dies ● Rim & Chain Welding ● Safety Tools Due to Non-Sparking ● Non-Magnetic & Corrosion Resistance Products ● Chill Plates & Inserts in Plastic Moulding

Chemical Composition	Mechanical Properties	Physical Properties
Be 2 % Co+Ni 0,5 % Others 0.5 % Cu Balance	Hardness 340 - 380 HB Tensile Strength 1100 - 1300 N/mm ² Yield Strength 1000 N/mm ² Elongation (L=5D) 4 - 5 %	Electrical Conductivity min. 22 % IACS Thermal Conductivity 106 W/mK Density 8.3 g/cm ³

Available Forms	Delivery Conditions
	Forged and solution heat treated.

STANDARDS & CERTIFICATION

The quality control process is certified with **UNI EN ISO 9001:2015**

In our laboratories, all products are controlled with Optical Emission Spektrometer (OXFORD INSTRUMENTS), hardness/ electrical conductivity tests with bench-type hardness measurements, mobile conductivity testers according to **DIN 3.1.B STANDARDS**.

On request We deliver our products with US Tested (second level ultrasonic report) by third-party independent laboratories

By phone

Türkiye (Turkish):
+90 (216) 394 1 666

International (English):
+90 (533) 594 4 389

Mon. – Thurs. 9:00 - 18:00 (GMT+3)
Friday 9:00 - 15:00 (GMT+3)

By mail

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