



Albaksan Alaşımlı Bakır

CuBe2

AB44

CHEMICAL COMPOSITION

<u>Cu</u>	<u>Be</u>	<u>Ni + Co</u>	<u>Ni+Co+Fe</u>
% rem	% 1.8-2.1	0.2% min.	0.6% max.

APPLICATIONS:

- Non-Sparking and Non-Magnetic Tools
- Hard-Wearing Parts
- Bushings for Landing Gear
- Bushings and Liners for Oil&Gas Industry
- Die-Casting Plunger Tips
- Molds for Plastic Injection and Low Gravity Die-Casting
- Drilling Technology
- Downhole Applications in Oil Industry
- Chilling for Casting Molds

AVAILABLE STANDART

<u>EN</u>	<u>ASTM</u>	<u>AMS</u>	<u>DIN</u>	<u>RWMA</u>
CW101C	C17200	4533	2.1247	Class IV
	CDA 172	4650		
		4651		

SUPPLIED FORM

- Rings
 - Plates
 - Discs
 - Centrifugals
 - Round bars
 - Square bars
 - Rectangular bars
- * Custom shapes are available upon request.

PHYSICAL PROPERTIES:

Density	Specific Heat	Electrical Conductivity	Electrical Conductivity (I.A.C.S)	Thermal Conductivity
8.3 g/mm ³	0.42 J/g.K	min. 15 MS/m	min. 24 %	106 W/m.K

MECHANICAL PROPERTIES:

MATERIAL CONDITION	Tensile Strenght Rm N/mm ²	Yield Strenght Rp 0,2 N/mm ²	Elongation (A5) %	Hardness HRC
EXTRUDED	NA	NA	NA	NA
FORGED	min. 1100	min. 900	min. 3	min. 36