



Albaksan Alaşımlı Bakır

CuCoNiBe
AB4

CHEMICAL COMPOSITION

<u>Cu</u>	<u>Ni</u>	<u>Be</u>	<u>Co</u>
% rem	% 0.8-1.3	%0.4-0.7	% 0.8-1.3

AVAILABLE STANDART

<u>EN</u>	<u>ASTM</u>	<u>AMS</u>	<u>DIN</u>	<u>RWMA</u>
CW 103C	C17540		2.1285	CLASS III

APPLICATIONS:

- Resistance Welding Electrodes
- Seam Weldings Wheels
- Plunger Tips for Aluminium Die-Casting
- Molds for Low Gravity Die-Casting
- Circuit Breaker Switches
- Electrical Components
- Mold for Plastic Injection

SUPPLIED FORM

- Rings
- Plates
- Discs
- Centrifugals
- Round bars
- Square bars
- Rectangular bars
- Hexagon bars

* Custom shapes are available upon request.

PHYSICAL PROPERTIES:

Density	Specific Heat	Electrical Conductivity	Electrical Conductivity (I.A.C.S)	Thermal Conductivity
8.8 g/mm ³	0.42 J/g.K	min. 24 MS/m	min. 42%	230 W/m.K

MECHANICAL PROPERTIES:

MATERIAL CONDITION	Tensile Strenght Rm N/mm ²	Yield Strenght Rp 0,2 N/mm ²	Elongation (A5) %	Hardness (Brinell) HB30
EXTRUDED	min. 650	min. 500	min. 8	min. 210
FORGED	min. 600	min. 500	min. 8	min. 220