



Albaksan Alaşımlı Bakır

Cu-HCP AC103

CHEMICAL COMPOSITION

<u>Cu</u>	<u>P</u>
% 99,95	0,0001-0,0005

AVAILABLE STANDART

<u>EN</u>	<u>ASTM</u>	<u>AMS</u>	<u>DIN</u>	<u>RWMA</u>
CW021A	C10300		2.0070	

APPLICATIONS:

- Rotor Bars and Short Circuit Rings
- Continuous Casting Molds
- Circuit Breaker Switches
- Electrical Components

SUPPLIED FORM

- Rings
- Plates
- Discs
- Tubes
- 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
8.9 g/mm ³	0.38 J/g.K	min. 57 MS/m	min. 98 %	385 W/m.K

MECHANICAL PROPERTIES:

MATERIAL CONDITION	Tensile Strength Rm N/mm ²	Yield Strength Rp 0,2 N/mm ²	Elongation (A5) %	Hardness (Brinell) HB30
EXTRUDED	min. 180	min. 150	min. 10	min. 65
FORGED	min. 200	min. 100	min. 25	min. 35