



Albaksan Alaşımlı Bakır

CuCr1
AC1

CHEMICAL COMPOSITION

<u>Cu</u>	<u>Cr</u>
% rem	% 0.5-1.2

AVAILABLE STANDART

<u>EN</u>	<u>ASTM</u>	<u>BS</u>	<u>DIN</u>	<u>RWMA</u>
CW105C	C18200	CC101	2.1291	Class II

APPLICATIONS:

- Resistance Welding Electrodes
- Seam Weldings Wheels
- Continuous Casting Molds (ferrous and non-ferrous metal)
- Rotor Bars and Circuit Rings
- Circuit Breaker Switches
- Electrical Components

SUPPLIED FORM

- Ring
 - Plate
 - Disc
 - Centrifugals
 - Round bar
 - 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. 43 MS/m	min. 75 %	320 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. 380	min. 310	min. 13	min. 125
FORGED	min. 360	min. 270	min. 15	min. 120