



CHEMICAL COMPOSITION

<u>Cu</u>	<u>O</u>
% 99,99	max 0,0005

AVAILABLE STANDART

<u>EN</u>	<u>ASTM</u>	<u>BS</u>	<u>DIN</u>	<u>RWMA</u>
CW009A	C10100	C110		

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	0.39 J/g.K	min. 58 MS/m	min. 100 %	394 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. 180	min. 150	min. 10	min. 65
FORGED	min. 200	min. 100	min. 25	min. 35

