



Albaksan Alaşımlı Bakır

ALBA 180-3

CHEMICAL COMPOSITION

Cu	Al	Fe	Ni	Mn	Pb
% rem	8.5-11 %	3-5 %	4-6 %	max 1 %	max 0.02%

AVAILABLE STANDART

EN	ASTM	AMS	DIN	BS
CW307G	C63000	AMS 4640	2.0966	CA104
			CuAl10Ni5Fe4	BS B23A
				DTD 197A
			NFL	
			UA10N	
			(NFL 14705)	

APPLICATIONS:

- Bushing, Bearing and Shaft Pieces in Liners
- Bushing, Bearing, Piston Pin Landing Gear in Aviation
- Marine and Water Treatment Application
- Chemical Industry
- Corrosion Resistance Applications for Food Industry
- Machinery Liners

SUPPLIED FORM

- Rings
 - Plates
 - Discs
 - Centrifugals / 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
7.5 g/mm ³	0.4 J/g.K			63 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. 720	min. 360	min. 10	min. 180
FORGED	min. 690	min. 350	min. 10	min. 170