

sarbak



## TECHNICAL DATA SHEET

**CC773S - CuZn42Al-C**

UNLEADED CONTINUOUS  
CASTING INGOTS

## CC773S - CuZn42Al-C

Product Code	EN Symbol		Cu	Zn	Pb	Sn	Fe	Ni	Al	Mn	P	Si
Unleaded Ingots CC773S	CuZn42Al-C	Min %	57,0	Rem.	-	-	-	-	0,1	-	-	-
		Max %	59,0	Rem.	0,2	0,3	0,3	0,02	0,3	0,02	0,02	0,02

Each of the other elements < 0,02 %

## Material Properties and Typical Applications

Unleaded ingots produced as continuous casting, from the unlead element in traditional drinking armature culverts. They ingots are by unlead the laws of water application. This is why drinking water is used. It is by suitable for use in places. Unleaded ingots produced entirely from raw material. Unleaded ingots, made entirely from original raw material, has excellent polishability.

The ingots are shipped in euro pallets between 1 and 2 tons.

ROHS II complies with the REACH directives. 4MS and UBA material restriction group: B, C, D

**Different norm and alloy demands that come from our customers are examined and produced by the relevant units.**

## Areas of Usage

\* It is usually used in the manufacture of water watches and water faucet.

### APPLICABLE STANDARDS

EN-1982	Standard for brass and copper alloys, ingots and casts.
DIN 50930-6	Standard for brass materials used areas contacting drinking water.
UBA List	The list for brass materials used in drinking water published by German Federal Environment Agency.
4MS	Committee regulating the national approvals for materials and products contacting drinking water that France, Germany, the Netherlands and United Kingdom are members of.

Casting Process and Designation	Tensile Strength R <sub>m</sub> N/mm <sup>2</sup> (MPa) Min	0,2 % Proof Strength N/mm <sup>2</sup> (MPa) Min	Elongation A (%) Min	Hardness (HBW) Min
Permanent Mould - GM	300	120	15	80

**Note:** These mechanical properties are valid for casting parts.

### STANDARD MEASURES - WEIGHT

Standard Meter (mm)	Standard Weight (kg)
64x64x380	Average 12



**Headquarter**

Eđitim Mah. Adım Sok. Orjin İş Merkezi No: 10 -18 Kat: 3 Daire No: 39 - 49 34722  
Hasanpaşa / Kadıköy / İstanbul / Turkey  
T: +90 216 414 45 35 pbx | F: +90 216 414 45 40

**Factory**

Çerkezköy Organize Sanayi Bölgesi Gazi Osman Paşa Mah. 8.Cad. No: 3 59500  
Çerkezköy / Tekirdađ / Turkey  
T: +90 282 725 19 60 pbx | F: +90 282 725 19 70