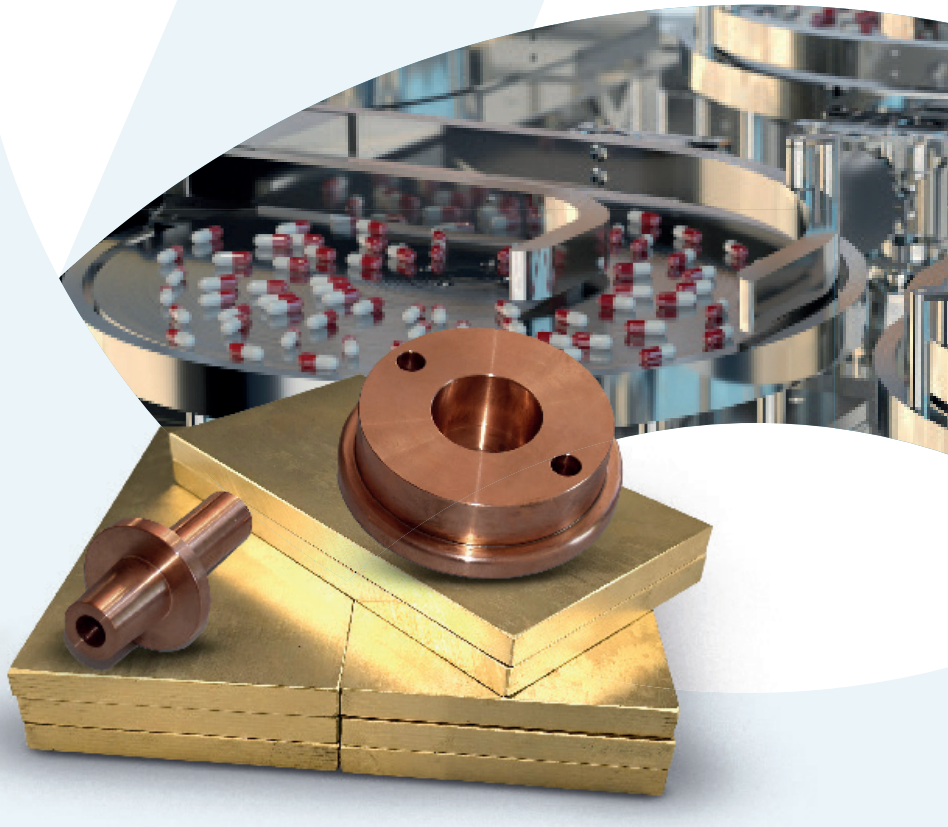
INDUSTRIES

Copper alloys for the Food technology and Packaging industry

Certified materials - corrosion-resistant and wear resistant



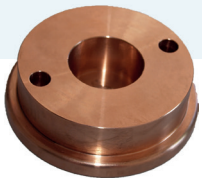
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Your Benefits

- Tested and certified for use in the food processing sector
- Safe in direct contact with dry, moist and fatty foods with a pH value >4.5
- Significantly higher thermal conductivity than stainless steel
- Excellent sliding properties, high strength and outstanding emergency running properties
- Hardly any material adhesion due to good polis-hability of the copper alloys
- Minimization of the risk of production downtime due to long service life





Copper alloys for the food technology and packaging industry

Certified materials – corrosion resistant and wear resistant

Tailored to the specific requirements of the food processing and food processing and the packaging industry, Albromet offers high-quality aluminum bronzes and copper alloys. The mechanical and chemical properties of these alloys are in the range of many stainless steels or even exceed them. In addition, the material is non-magnetic/magnetizable, has very low abrasion and is highly thermally conductive and temperature-resistant.



Examples of components in machines the food technology and packaging industry

- Sealing head and sealing plate
- Guides and guide bushes
- Gear and worm wheels
- Slide plates and slide bearings
- Counter blades for stainless steel knives
- Scraper elements and sliding elements
- Dies and ejectors

Certified for use in the food sector

Certifications for use in the food sector in accordance with Regulation EU1935/2004 have been issued by an independent testing institute. This means that components made from the certified ALBROMET alloys listed below can come into direct contact with food. The aluminum bronzes and copper alloys from ALBROMET are RoHS and REACH compliant. Beryllium-free copper alloys with very good strength strength values are also available in the product range.

Materials for Food Technology: ALBROMET-A200, -A260Ni, -A300, -W200

Alloy	Thermal conductivity in W/m*K (20°C)	Electrical conductivity in m/Ohm*mm²	Brinell Hardness (HBW 10/3000)	Tensile strength R_m MPa	Certified for use in the food sector
ALBROMET-A200*	60	7,5	180-210	630-750	Yes
ALBROMET-A260Ni*	42	4,7	220-280	700-950	Yes
ALBROMET-A300*	42	4,6	270-320	600-1000	Yes
ALBROMET-W200*	~ 200	23-28	190-220	650-850	Yes
Slide Bushing/-Guide Rail			190-210		Yes

* forged version



ALBROMET Service

- 24-hour sawing center
- Precision cuts
- Extensive material warehouse
- Individual consultation
- Custom-made finished parts
- Product and development work

Since 1994, ALBROMET has specialized in the distribution of precision-cut blanks and finished parts made of aluminum bronze and low-alloy copper alloys, as well as in the design and manufacture of tube bending tools.

Take advantage of our wealth of experience and let us advise you personally!

Get in touch with us!

We will advise you competently and personally.

Tel.: +49 8171 63 998-0
E-Mail: info@albromet.de

ALBROMET GmbH
Daimlerweg 5
82538 Geretsried, Germany