

sarbak



## TECHNICAL DATA SHEET

**CC757S - CuZn39Pb2Al-C**

LOW PRESSURE CONTINUOUS  
CASTING INGOTS

## CC757S - CuZn39Pb2Al-C

| Product Code                  | EN Symbol     | ASTM   |       | Cu   | Zn   | Pb  | Sn  | Fe  | Ni  | Al  | Mn   | Si   |
|-------------------------------|---------------|--------|-------|------|------|-----|-----|-----|-----|-----|------|------|
| Low Pressure Ingots<br>CC757S | CuZn39Pb2Al-C | C85700 | Min % | 58,0 | Rem. | 0,2 | -   | -   | -   | 0,3 | -    | -    |
|                               |               |        | Max % | 63,0 | Rem. | 1,4 | 0,5 | 0,3 | 0,2 | 0,9 | 0,05 | 0,05 |

Each of the other elements < 0,02 %

## Material Properties and Typical Applications

The Low Pressure Ingots, completely manufactured from raw material, has excellent microstructure and 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

\* Low Pressure ingots is used in the production of tap water depending on the metallurgical properties.

### 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<br>R <sub>m</sub><br>N/mm <sup>2</sup> (MPa)<br>Min | 0,2 % Proof Strength<br>N/mm <sup>2</sup> (MPa)<br>Min | Elongation<br>A<br>(%)<br>Min | Hardness<br>(HBW)<br>Min |
|---------------------------------|--|--|-------------------------------|--------------------------|
| Permanent Mould - GM            | 400  | 140  | 15                            | 90                       |
| Pressure Die Cast - GP          | 310  | 270  | 1                             | 120                      |
| Sand - GS                       | 300  | 100  | 15                            | 70                       |

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

### STANDARD MEASURES – WEIGHT

| Standard Meter<br>(mm) | Standard Weight<br>(kg) |
|------------------------|-------------------------|
| 64x64x380              | Average 12              |



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