

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 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 R _m N/mm ² (MPa) Min	0,2 % Proof Strength N/mm ² (MPa) Min	Elongation A (%) Min	Hardness (HBW) 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 (mm)	Standard Weight (kg)
64x64x380	Average 12



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