

sarbak



TECHNICAL DATA SHEET

CC770S - CuZn36Pb-C

DEZINCIFICATION-RESISTANT (DZR)
CONTINUOUS CASTING INGOTS

CC770S - CuZn36Pb-C

Product Code	EN Symbol	ASTM		Cu	Zn	Pb	Sn	Fe	As	Ni	Al	Mn
Dzr Continuous Casting Ingots CC770S	CuZn36Pb-C	-	Min %	62,0	Rem.	0,2	-	-	0,04	-	0,5	-
			Max %	64,0	Rem.	1,6	0,3	0,3	0,14	0,2	0,7	0,1

Each of the other elements < 0,02 %

Material Properties and Typical Applications

It is used in the manufacture of water faucets due to dezincification sills, metallographed structures and corrosion resistance.

DZR ingots, produced 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 _m N/mm ² (MPa) Min	0,2 % Proof Strength N/mm ² (MPa) Min	Elongation A (%) Min	Hardness (HBW) Min
Permanent Mould - GM	280	110	10	70
Pressure Die Cast - GP	310	270	1	120

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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