THAMES STOCKHOLDERS
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CZ126 (CW707R)

ARSENICAL BRASS ALLOY

Product Overview

Arsenical brass contains small amounts of arsenic, and its inclusion significantly improves corrosion resistance in water environments. **CZ126 (CW707R)** is our arsenical brass product.

While water corrosion resistance is improved because arsenic acts as an inhibitor, the material is almost identical to typical brass alloys. CZ126 offers good corrosion resistance to a broad range of chemicals. Other attractive product characteristics include good malleability, formability and strength.

We stock CZ126 tubes which are high sutiable for use in heat exchangers.

Key Features

- Improved corrosion resistance
- High ductility
- High strength
- Good formability

Applications

- Heat exchanger tubes
- Steam turbines
- Subsea applications
- Condensers

Material Specifications: C26130, CuZn30As, CuZn30 (FR), CW707R

* Chemical Composition (weight, %)

	Cu	Zn	As	Al	Fe	Mn	P	Pb	Sn	Others
Min.	69.00		0.02							
Max.	71.00	Rem	0.06	0.02	0.05	0.10	0.01	0.07	0.05	0.30

* Properties as per BS EN 12451

* Mechanical Properties

Tensile, R340	
Tensile Strength	340 MPa min
Proof Strength	130 MPa min
Elongation	45% min
Hardness, H075	
Vickers	75 - 105 HV

* Properties as per BS EN 573-3

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All information in our data sheet is based on approximate testing and is stated to the best of our knowledge and belief. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of trading.

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