



Copper Silver Mold Tube

DESCRIPTION: Custom copper mold tubes for a continuous caster, offered in various shapes and sizes. Placed in a stainless-steel water jacket and used to solidify liquid steel pouring through an SEN.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Cu + Ag	99.5%
Ag	0.08 - 0.12%
P	0.004 - 0.012%

TYPICAL AS RECEIVED PROPERTIES:

0.2 Yield point @ 20°C (MPa):	200 - 225
Electric conductivity (IACS):	95%
Elongation @ 20°C (%):	16.0 ~ 10.0
Hardness (HB):	90 - 110
Thermal conductivity W/(mk): @ 20°C	372
Ultimate tensile strength @ 20°C:	240 - 310

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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