



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:

Hardness	HB \geq 110
Ultimate Tensile Strength @ 20°C	240-310
Elongation @ 20°C	16 ~ 10 %
0.2 Yield point @ 20°C	200-225 Mpa
Electric conductivity	95% IACS
Thermal conductivity @ 20°C	372 W/(m*k)

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.

Version 2021.1
