



Technical Data Sheet

GB CuZn7Si3Mn
DIN 17656
Hardbrass
customer-specific

1. Product information / company information

1.1 Product information

GB CuZn7Si3Mn

DIN 17656

Hardbrass

customer-specific

1.2 Supplier / ingot maker

**Wilhelm Grillo Handels-
gesellschaft m.b.H.**

information and ingot maker:
Metallschmelze Tattendorf, tel.: 0043 2253 72000
www.grillo.at zentrale@grillo.at

2. Composition

metal				
copper	90 - 92	weight %	nickel —	< 90 — ppm
zink	7	weight %	lead —	< 90 — ppm
			cadmium, beryllium	< 10 — ppm
			—	—

The copper-alloy is free of hazardous ingredients such as lead, nickel, cadmium and beryllium!
The material is conform with REACH and SW-CLEAR regulations!

3. Physical and technical properties

boiling point / boiling range:
melting point / melting range:
recommended casting temperature:
recommended mold temperature:

hardness

ingot weight

specific density at 20 °C
ingot dimensions

Recommended cooling time after casting
before removing the mold 15 - 20 min

shape of ingot 1:1

value	unit	
2550	°C	
955	°C	
1050-1100	°C	
650-700	°C	
80-90	Brinell	
65 - 85 or 200-250	g g	
8.85 90 / 25 / 15 mm	g/cm ³ or 25 / 25 / 15 mm	



QM:
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responsibility : HS

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