

**GENERAL INFORMATION**
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Color	Red
Color shade	Pink
Production process	Casting
Typology	Bronze

**Melting temperatures**

Solidus [°C]	935.0
Melting range [°C]	65.0
Liquidus [°C]	1000.0

**Commercial composition**

Copper (%)	90,00
Tin (%)	10,00



FASHION line

**FULL CHARACTERIZATION DATA**
**Color coordinates**

L*	85.8
a*	6.2
b*	17.8
c*	18.8

**Physical characteristics**

Density [g/cm <sup>3</sup> ]	8.7
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**Mechanical characteristics**

As cast hardness [HV 0.2]	110.0
Hardness after annealing [HV 0.2]	120.0
Hardness after 70% area red. [HV 0.2]	280.0
Tensile strength (Rm) [Mpa]	455.0
Yield strength (Rp0.2) [MPa]	206.0
Elongation at rupture (A) [%]	45.0

**Product applications**

Casting in closed systems
Stone-in-place casting
Casting in open systems

**CASTING PROCESSING PARAMETERS**

CASTING TEMPERATURES	Flask from [°C]	Flask to [°C]	Metal from [°C]	Metal to [°C]
< 0.5 mm	660.0	720.0	1100.0	1130.0
0.5 - 1.2 mm	580.0	650.0	1080.0	1100.0
> 1.2 mm	460.0	600.0	1060.0	1080.0

**Trees without stones**

Let the flask cool down for 5 minutes, then quench in water.

**Stone-in-place casting trees**

Let the flask cool down for 30-45 minutes, then quench in water.

**Pickling**

Dip in RADIAL solution (50 g/l conc. at 60°C for 2 min.), or in sulphuric acid (10% conc. at 50°C for 5 min.)