

RECOMMENDED APPLICATIONS

CASTING: CLOSED SYSTEMS – OPEN SYSTEMS
WITH AND WITHOUT STONES -

CHARACTERIZATION DATA

COLOR PINK

PERCENT SILVER ---

DENSITY [g/cm³] 8,7

MELTING TEMPERATURES °C 1000

CASTING PROCESSING PARAMETERS

MELTING TEMPERATURES [°C] 1030

CASTING TEMPERATURES [°C]	METAL [°C]	FLASK [°C]
THIN (BELOW 0,5MM)	1100-1130	680-720
MEDIUM (FROM 0,50 TO 1,2MM)	1080-1100	580-640
THICK (ABOVE 1,2MM)	1060-1080	500-600

TREES WITHOUT STONES: LET THE FLASK COOL FOR 5 MINUTES, THEN QUENCH IN WATER.

TREES WITH STONES : LET THE FLASK COOL FOR 30-45 MINUTES; THEN QUENCH IN WATER.

PICKLING: DIP IN RADIAL SOLUTION 50g/l, °C60 FOR 2 MINUTES, OR IN SULPHURIC ACID 10% CONC, AT °C 50 FOR 5 MINUTES.

HARDENING TREATMENT: 300 °C FOR 90 MINUTES, COOL VERY SLOWLY

TECHNICAL CHARACTERISTICS

AS CAST HARDNESS HV AC 85

HARDNESS AFTER AGE-HARDENING HV AH 120