

ALLOY PINK GOLD 9 KT

RM15G2
RECOMMENDED APPLICATIONS

CASTING: OPEN SYSTEMS – CLOSED SYSTEMS
WITH AND WITHOUT STONES

CHARACTERIZATION DATA

COLOR PINK

PERCEN SILVER 15%

DENSITY [g/cm³] 11,28

MELTING TEMPERATURES °C 995

CASTING PROCESSING PARAMETERS

MELTING TEMPERATURES [°C] 1080

| CASTING TEMPERATURES[°C] | METAL [°C] | FLASK [°C] |
|-----------------------------|------------|------------|
| THIN (BELOW 0,5MM) | 1070-1080 | 660-680 |
| MEDIUM (FROM 0,50 TO 1,2MM) | 1060-1070 | 580-650 |
| THICK (ABOVE 1,2MM) | 1030-1040 | 500-600 |

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

TREES WITH STONES: REMOVE THE FLASK IMMEDIATELY. IMMERSE ONLY THE BOTTOM PART OF THE TREE IN COLD WATER AND KEEP UNDER VENTILATION FOR 15 MINUTES. QUENCH IN WATER .

PICKLING: DIP IN RADIAL SOLUTION 50g/l, °C 60 FOR 2 MINUTES, OR IN SULPHURIC ACID 10% CONC, AT °C 60 FOR 2 MINUTES.

HARDENING TREATMENT: 250 °C FOR 180 MINUTES, COOL VERY SLOWLY

TECHNICAL CHARACTERISTICS

AS CAST HARDNESS HV AC 115

HARDNESS AFTER AGE-HARDENING HV AH -138--