

ALLOY RED GOLD 9KT

EKRR
RECOMMENDED APPLICATIONS
WORKING: MECHANICAL– INGOT CASTING – CONTINUOUS CASTING

PRODUCTION: STAMPING – SHEARED – TUBE – SOLID CHAINS – HOLLOW CHAINS

CHARACTERIZATION DATA
COLOR RED

PERCENT SILVER 5%

DENSITY [g/cm³] 10,55

MELTING TEMPERATURES °C 940

MECHANICAL WORKING PARAMETERS

MELTING TEMPERATURES °C 1060

| CASTING TEMPERATURE [°C] | ANNEALING TEMPERATURE[°C] | TIME MINUTES ANNEALING |
|-----------------------------------|---------------------------|------------------------|
| INGOT MAKING [°C] 1040-1050 | > 5 MM 640-650 | 30 |
| CONTINUOUS CASTING [°C] 1050-1100 | < 5 MM 640-650 | 30 |
| | < 1 MM 630 | 25 |

HARDENING TREATMENT:

Ⓢ 260 °C FOR 180 MINUTES, COOL VERY SLOWLY

THECHNICAL CHARACTERISTICS
AS CAST HARDNESS HV AC 108

HARDNESS AFTER AGE-HARDENING HV AH 145