

ALLOY RED GOLD 9KT

R5C1
RECOMMENDED APPLICATIONS
WORKING: MECHANICAL – INGOT 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 1070

CASTING TEMPERATURE [°C]

ANNEALING TEMPERATURE[°C]

TIME MINUTES ANNEALING

INGOT MAKING [°C] 1040-1050

> 5 MM 640-650

30

< 5 MM 640-650

30

< 1 MM 630

25

HARDENING TREATMENT:

⑩ 260 °C FOR 180 MINUTES, COOL VERY SLOWLY

TECHNICAL CHARACTERISTICS
AS CAST HARDNESS HV AC 98

HARDNESS AFTER AGE-HARDENING HV AH 131