

ALLOY YELLOW GOLD 21/22 KT **NEED ADD SILVER** **EK21**

#### RECOMMENDED APPLICATIONS

**WORKING:** MECHANICAL – INGOT CASTING -  
**PRODUCTION:** STAMPING - SHEARED – TUBE – HOLLOW AND SOLID CHAINS

#### CHARACTERIZATION DATA

**COLOR** RICH YELLOW

**PERCENT ADD SILVER** 28 %

**DENSITY [g/cm<sup>3</sup>]** 17,30

**MELTING TEMPERATURES** °C 1010

#### MECHANICAL WORKING PARAMETERS

MELTING TEMPERATURE[°C] 1080

CASTING TEMPERATURE[°C]	ANNEALING TEMPERATURE[°C]	TIME MINUTES ANNEALING
INGOT MAKING 1070-1080	> 5 MM 650-680	35
CONTINUOUS CASTING 1070-1130	< 5 MM 650-660	30
	< 1 MM 650	30

**HARDENING TREATMENT:** 300 °C FOR 180 MINUTES, COOL VERY SLOWLY

#### TECHNICAL CHARACTERISTICS

**AS CAST HARDNESS** HV AC 80

**HARDNESS AFTER AGE-HARDENING** HV AH 102