

18K#376

Precious Metals	
Gold:	75.2
Silver:	13.1

Properties	
Density:	161.4 dwt/in ³ (15.3 g/cm ³)
Color:	Yellow
Red-Green a*:	2.0
Yellow b*:	23.9
Annealed Hardness:	135 Vickers
Aged Hardness:	
Annealing Temperature¹:	1150F (620°C)
Aging Temperature:	
Melting Range (Solidus – Liquidus):	1580F – 1650F (860°C – 900°C)

Casting Conditions²	
Metal Cast Temperature:	1000°C (1830F)
Flask Temperature:	1150F (620°C) – 1250F (680°C)
Quench Time:	10 - 20 minutes

¹ The annealing at 1150F (620C) must be done in the protective atmosphere for ½ hr. to 1 hr. depending on the material mass.

²These are typical values and may be altered depending on the equipment and technique used in a particular casting facility set up.

This alloy is in compliance with the most recent European “Nickel Directive”, and may be used for piercing as well as for direct and prolonged contact with the skin.