

ABI PRECIOUS METALS

Casting Alloys for Successful Casting & Mill Products

ABI Precious Metals is proud to present our gold alloys that are also available as karated grain. Because jewelry manufacturing is so varied in equipment diversification and product styles our alloys have been formulated to meet specific needs. In addition to the initial standard alloys shown below, we have many other variations based on color, fluidity and reusability for open and closed casting machines.

10-14 Karat Yellow and Red Alloys

<u>Alloy#</u>	<u>Karat Type</u>	<u>Color</u>	<u>Comment</u>
192-T	10-14k Casting	Rich Yellow	Deoxidized blend for closed & open systems (medium silicon)
229	10-14k Casting	Rich Yellow	High fluidity, lower casting temperatures
200	10-14K Casting	Rich Yellow	Deoxidized blend for closed and open systems (medium silicon)
110	10-14 Casting	Satin Yellow	Deoxidized blend for closed & open systems (medium silicon)
120	10-14k Casting	Bright Yellow	Deoxidized blend for closed & open systems (low silicon)
120R	14-k Rolling	Rich Yellow	No silicon blend for extrusion and rolling, good reusability
260	10-14k Casting	Light Green – Yellow	Deoxidized blend for closed & open systems (medium silicon)
201	10k Rolling	Rich Yellow	Rolling alloy with good reusability (no silicon)
51	10 – 14k Casting	Red	Deoxidized blend for closed & open systems (low silicon)

18 – 22 Karat Yellow Alloys

<u>Alloy #</u>	<u>Karat Type</u>	<u>Color</u>	<u>Comment</u>
440	18k Casting	Dark Yellow	Grain refined deoxidize blend for closed & open systems
700-C	18k Rolling/ Casting	Rich Yellow	Deoxidized & silicon free for closed & open systems
670	18-22k Casting	Bright Yellow	Grain refined & deoxidized blend for closed & open systems
642	18k Casting	Greenish Yellow	Grain refined & deoxidized blend for closed and open systems
671	22k Casting	Greenish Yellow	Grain refined & deoxidized blend for closed and open systems

10-18 Karat White Gold Alloys

<u>Alloy #</u>	<u>Karat Type</u>	<u>Color</u>	<u>Comment</u>
16	10-18k Rolling	White	Nickel based alloy, good reusability
26	10-18k Casting	White	Nickel based & silicon free, excellent closed system alloy
305	15-18k Casting	Snow white	High nickel & silicon, excellent white colour
467	10-18k Casting	Bright White	low nickel & silicon white. Passes European nickel release standards