



Firstray Ventures

Master Alloy for Gold, Silver & Imitation Jewellery

ALLOY CODE: - BR504

Carat : Imitation & Pattern	Color : Indian Yellow	Melting Temp of Alloy : 930°C
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Application: The alloy BR504 is a ready to use alloy for imitation and fashion jewelry, imparting a pleasant Indian yellow color. It is an all-purpose alloy, usable for both investment cast and spin cast jewelry, and is suitable for gold and silver plating.

Application	Casting
Alloying Temp.	930°C - 950°C
Flask Temp.	580°C - 640°C
Quenching Time	10 - 12 minutes

Notes:

- The actual casting temperatures and flask temperatures shall be decided by the parameters like the section thickness of the items (thick, medium or thin), the overall size/bulk of the cast tree, the design intricacies etc.
- As a thumb rule, for thinner sections higher temperatures are selected and for thicker sections lower temperatures are preferred. At the same time, designs demanding higher form filling capabilities, higher than normal temperatures are an obvious choice.