



Firstray Ventures

Master Alloy for Gold, Silver & Imitation Jewellery

ALLOY CODE: - BR529

Carat : 40-92.5 Silver	Color : ----	Melting Temp of Alloy : 935°C
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Application: The alloy BR529 is a ready to use alloy for silver casting jewelry, imparting a pleasant color. It is an all-purpose alloy, usable for both investment cast and spin cast jewelry, and is suitable for silver plating.

Application	Casting
Alloying Temp.	940°C - 990°C
Flask Temp.	580°C - 640°C
Quenching Time	15 - 20 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.