



GOLD STAR BRASSCAST

Gold Star BrassCast is an exceptionally competitive, plaster-bonded investment powder, specifically formulated by optimizing the particle-size distribution and thermal expansion to help casters to compete in the most demanding of environments.

The casting of brass for the costume jewellery market accounts for a large percentage of worldwide jewellery production, and is an area where costs must be minimized. Gold Star BrassCast helps achieve this but at the same time produces castings with excellent surfaces, therefore reducing metal loss and keeping finishing work, prior to plating, to an absolute minimum.

Gold Star BrassCast can also, under strictly adhered to conditions, successfully cast silver, producing good quality castings with smooth surface finish.

The cost of BrassCast is at least 25% lower than a competitive, conventional investment powder, although it is less abuse-resistant than other Gold Star products.



Gold Star Powders Private Limited
No.112/2, Chinna Amman Koil Street, Kalavakkam Village, Thiruporur - 603 110, Tamil Nadu
Tel +91 44 4743 9999 Email info@goldstarpowders.in

www.goldstarpowders.in



GOLD STAR BRASSCAST

Do not remove flasks from furnace to cast until they have been held at casting temperature for a minimum of 1 hour. If held for less than 1 hour, the core of the flasks will be at a much higher temperature than the digital temperature display states, and may result in metal mould reaction.

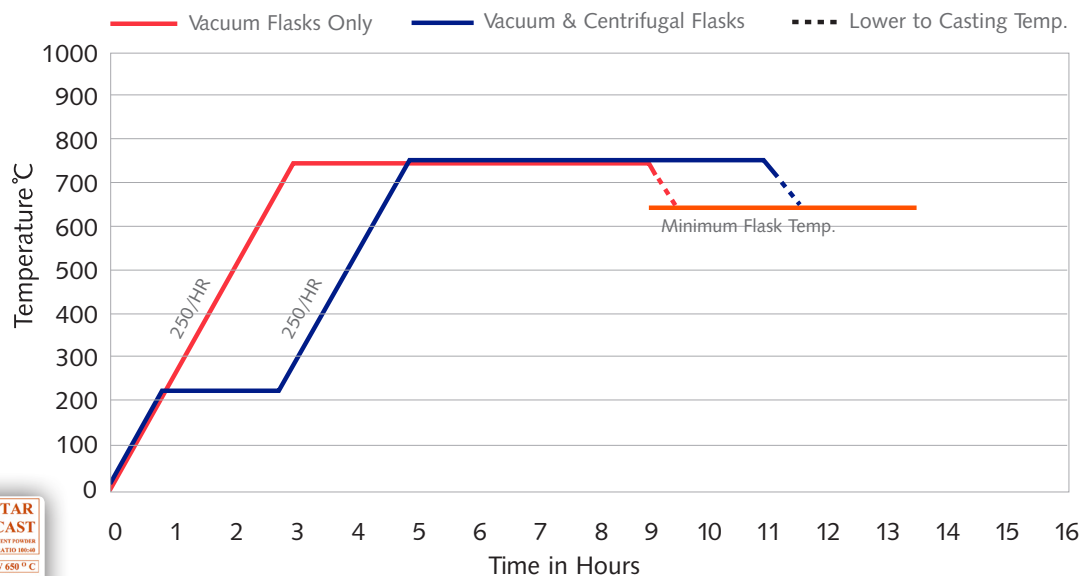
- Do not cast with a flask temperature lower than 650°C
- Slurry temperature 21°C
- Leave for 90 min to stand before burnout

WATER TO POWDER RATIO

MACHINE VACUUM MIXING	38:100
HAND MIX THEN VACUUM	40:100

MACHINE VACUUM MIXING	Min.
Weigh out water and powder	0
Add powder to water	0
Mix under vacuum	1
Stop mixer and scrape blades	0.5
Mix under vacuum	3.5
Pour flasks	2
Vacuum flasks	1
Total time take	8

HAND MIX THEN VACUUM	Min.
Weigh out water and powder	0
Add powder to water	0
Mix by hand	1
Mix with machine	3
Vacuum mixer bowl	1
Pour flasks	1
Vacuum flasks	2
Total time taken	8



Gold Star Brasscast is available in the following packages:

- 45 KG Sack
- 22.5 KG Sack

Gold Star Powders Private Limited
No.112/2, Chinna Amman Koil Street, Kalavakkam Village, Thiruporur - 603 110, Tamil Nadu
Tel +91 44 4743 9999 Email info@goldstarpowders.in

www.goldstarpowders.in