

Gold Star Powders

Gold Star LC Brass For the casting of brass and silver

Gold Star LC Brass (LC stands for 'low cost') is an exceptionally, competitive, plaster-bonded investment powder, specifically formulated by optimising the particle-size distribution and thermal expansion to help casters compete in the most demanding of casting 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 minimised. Gold Star LC Brass 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 Low Cost Brass can also, under strictly adhered to conditions, successfully cast silver, producing good quality castings with smooth surface finish.

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

Gold Star LC Brass is available in the following packages:

- 45 kilo Fibre Drum
- 45 kilo Paper or Polypropylene Sack
- 22.5 kilo Paper or Polypropylene Sack



Product Selector

Aluminium	Brass	Silver	G O L D								Palladium	Platinum	Stainless Steel					
			9ct Yellow	12ct Yellow	14ct Yellow	18ct Yellow	22ct Yellow	9ct White (Palladium)	14ct White (Palladium)	18ct White (Nickel)				18ct White (Palladium)				
M028 Industrial																		
M356 Industrial																		
	LC Brass																	
			XL															
			XXX															
			Omega+															
																		Atomic 78
																		Platinum Cast
																		HT

Gold Star LC Brass

Mixing Instructions

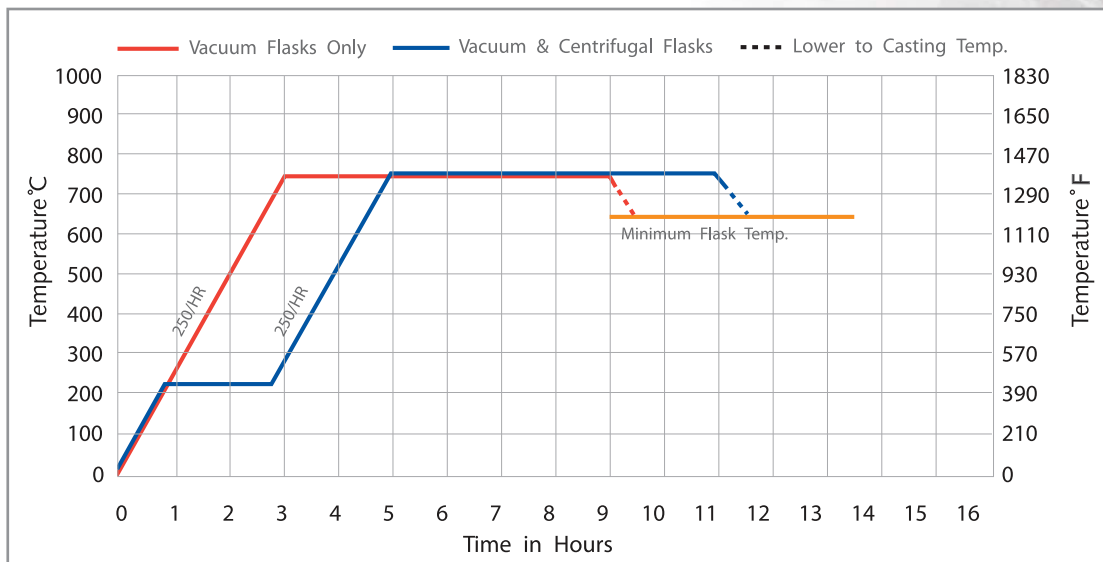
Water : Powder Ratio	Vacuum Mixing	Conventional Mixing
	36 : 100	38 : 100

Machine Vacuum Mixing	Min.
Weigh out water & powder	-
Add powder to water	-
Mix under vacuum	5
Pour flasks	2
Hold flasks under vacuum	1
Total time taken	8

Conventional Mixing	Min.
Weigh out water & powder	-
Add powder to water and mix	4
Vacuum the bowl	1
Pour flasks and vacuum the flasks	3
Total time taken	8

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

Recommended Burnout Cycles



Note: 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.