



INVESTMENT CASTING WITH 19K WHITE GOLD



Ready-Stock™ Part Number GR19W000000

Developed for use as casting grain (*), Imperial's 19K Nickel White grain produces castings with a white colour that is second to none. This unique formulation has become a clear favorite with many high end designers due to its stand alone white quality and its hardness. Most customers who have been using Imperial's 19K Nickel White products have avoided the need and the cost of rhodium plating, in favor of exposing the natural colour of this special material for all to see. A harder material will usually translate in better and longer lasting surface finish as a result of its resistance to scratching.



1. Properties:

Melting Range: 902°C / 1656°F – 920°C / 1688°F

Density: 15.20 g/cm³ (160.4 dwt/in³)

2. Recommended Casting and Flask Temperatures:

These can vary with the design and mass of the item(s) being cast, so you may need to run some test casts to work out the combination of temperatures best suited to your specific design. As a starting point, we recommend the following conditions:



	Casting Temperature	Flask Temperature
Large Items	950°C / 1742°F	482°C / 900°F
Medium sized items	980°C / 1796°F	538°C / 1000°F
Small, intricate items	1020°C / 1868°F	593°C / 1100°F

(*) 19K Nickel White is also available in sheet and wire form.

**Imperial's Precious Metals
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We are always interested in hearing your opinion of how our products have performed for your application. Also, contact us should you have any questions, comments or require information regarding Imperial's wide range of gold, silver and platinum products.



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