

## Wieland 1746 Wilaform Platinum

Category : Metal , Nonferrous Metal , Precious Metal , Platinum Alloy

**Material Notes:**

Platinum alloy particularly suitable for decoration casting Applications: casting, laminar decoration, tubingDental

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wieland-1746-Wilaform-Platinum.php](http://www.lookpolymers.com/polymer_Wieland-1746-Wilaform-Platinum.php)

Physical Properties	Metric	English	Comments
Density	20.8 g/cc	0.751 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	135	135	HV5; glowd

Thermal Properties	Metric	English	Comments
Melting Point	1750 - 1765 °C	3180 - 3209 °F	
Solidus	1750 °C	3180 °F	
Liquidus	1765 °C	3209 °F	

Component Elements Properties	Metric	English	Comments
Cobalt, Co	5.0 %	5.0 %	
Platinum, Pt	95 %	95 %	

Processing Properties	Metric	English	Comments
Casting Temperature	1950 - 2150 °C	3540 - 3900 °F	

Descriptive Properties	Value	Comments
Color	platinum-white	

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