

## Wieland 1751 Wilaform Palladium

Category : Metal , Nonferrous Metal , Precious Metal , Palladium Alloy

**Material Notes:**

Approach-steady palladium alloy for nearly all purposes in decoration manufacturing  
 Applications: casting, chains, laminar decoration, pipes, tubing  
 Dental

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wieland-1751-Wilaform-Palladium.php](http://www.lookpolymers.com/polymer_Wieland-1751-Wilaform-Palladium.php)

Physical Properties	Metric	English	Comments
Density	11.0 g/cc	0.397 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	130	130	HV5; glowd

Thermal Properties	Metric	English	Comments
Melting Point	1150 - 1220 °C	2100 - 2230 °F	
Solidus	1150 °C	2100 °F	
Liquidus	1220 °C	2230 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	10 %	10 %	
Palladium, Pd	50 %	50 %	
Silver, Ag	40 %	40 %	

Processing Properties	Metric	English	Comments
Processing Temperature	800.0 °C	1472 °F	Cuvette Temp
Casting Temperature	1320 - 1420 °C	2410 - 2590 °F	

Descriptive Properties	Value	Comments
Color	grey	

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