

## Wieland 1744 Wilaform Platinum

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

**Material Notes:**

Hard platinum alloy for strongly stressed decorationApplications: chains, laminar decoration, pipes, tubingDental

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wieland-1744-Wilaform-Platinum.php](http://www.lookpolymers.com/polymer_Wieland-1744-Wilaform-Platinum.php)

Physical Properties	Metric	English	Comments
Density	20.9 g/cc	0.755 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	150	150	HV5; glowd
Tensile Strength, Ultimate	510 MPa	74000 psi	
Elongation at Break	25 %	25 %	

Thermal Properties	Metric	English	Comments
Melting Point	1840 - 1860 °C	3340 - 3380 °F	
Solidus	1840 °C	3340 °F	
Liquidus	1860 °C	3380 °F	

Component Elements Properties	Metric	English	Comments
Platinum, Pt	95 %	95 %	
Tungsten, W	5.0 %	5.0 %	

Descriptive Properties	Value	Comments
Color	platinum-white	

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