

Wieland 1914 Wilaform Gold

Category : Metal , Nonferrous Metal , Precious Metal , Gold Alloy

Material Notes:

Nickel and palladium-free white gold alloy with beautiful white color. Applications: casting, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1914-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	14.8 g/cc	0.535 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	200	200	HV5; glowd
Tensile Strength, Ultimate	770 MPa	112000 psi	
Elongation at Break	38 %	38 %	

Thermal Properties	Metric	English	Comments
Melting Point	900 - 915 °C	1650 - 1680 °F	
Solidus	900 °C	1650 °F	
Liquidus	915 °C	1680 °F	

Component Elements Properties	Metric	English	Comments
Cobalt, Co	0.80 %	0.80 %	
Copper, Cu	11.4 %	11.4 %	
Gold, Au	76 %	76 %	
Manganese, Mn	6.8 %	6.8 %	
Silver, Ag	5.0 %	5.0 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1080 - 1130 °C	1980 - 2070 °F	

Descriptive Properties	Value	Comments
Color	white	

Descriptive Properties	Value	Comments
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