

Wieland 1651 Wilaform Gold

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

Material Notes:

High-quality alloy for all kinds of decoration production.Applications: casting, coin/shape, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1651-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	17.8 g/cc	0.643 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	85	85	HV5; glowd
Tensile Strength, Ultimate	275 MPa	39900 psi	
Elongation at Break	30 %	30 %	

Thermal Properties	Metric	English	Comments
Melting Point	970 - 990 °C	1780 - 1810 °F	
Solidus	970 °C	1780 °F	
Liquidus	990 °C	1810 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	5.3 %	5.3 %	
Gold, Au	91.7 %	91.7 %	
Silver, Ag	3.0 %	3.0 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1090 - 1190 °C	1990 - 2170 °F	

Descriptive Properties	Value	Comments
Color	full-yellow	

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