

Wieland 1703 Wilaform Gold

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

Material Notes:

Yield alloy particularly suitable for coin and medal production.Applications: casting, chains, coin/shape, laminar decoration, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1703-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	17.6 g/cc	0.636 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	70	70	HV5; glowd
Tensile Strength, Ultimate	300 MPa	43500 psi	
Elongation at Break	35 %	35 %	

Thermal Properties	Metric	English	Comments
Melting Point	960 - 990 °C	1760 - 1810 °F	
Solidus	960 °C	1760 °F	
Liquidus	990 °C	1810 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	4.0 %	4.0 %	
Gold, Au	90 %	90 %	
Silver, Ag	6.0 %	6.0 %	

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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