

Wieland 1410 Wilaform Gold

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

Material Notes:

Yield alloy. Particularly suitable for the production of strongly deformed or thick chains. Applications: casting, chains, coin/shapeDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1410-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	14.1 g/cc	0.509 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	85	85	HV5; glowd
Tensile Strength, Ultimate	350 MPa	50800 psi	
Elongation at Break	33 %	33 %	

Thermal Properties	Metric	English	Comments
Melting Point	870 - 930 °C	1600 - 1710 °F	
Solidus	870 °C	1600 °F	
Liquidus	930 °C	1710 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	4.84 %	4.84 %	
Gold, Au	58.5 %	58.5 %	
Silver, Ag	35.5 %	35.5 %	
Zinc, Zn	1.16 %	1.16 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1030 - 1130 °C	1890 - 2070 °F	

Descriptive Properties	Value	Comments
Color	green yellow 0N	

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