

Wieland 1114 Wilaform Gold

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

Material Notes:

Hard yellow gold alloy with good extensibility. Universally applicable in decoration manufacturing. Applications: casting, chains, coin/shape, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1114-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	11.0 g/cc	0.397 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	120	120	HV5; glowed

Thermal Properties	Metric	English	Comments
Melting Point	820 - 890 °C	1510 - 1630 °F	
Solidus	820 °C	1510 °F	
Liquidus	890 °C	1630 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	42.3 %	42.3 %	
Gold, Au	37.5 %	37.5 %	
Silver, Ag	9.2 %	9.2 %	
Zinc, Zn	11 %	11 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	990 - 1090 °C	1810 - 1990 °F	

Descriptive Properties	Value	Comments
Color	yellow	

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