

Wieland 1005 Wilaform Gold

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

Material Notes:

Hard red gold alloy for used in decoration manufacturing.Applications: casting, chains, laminar decorationDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1005-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	11.2 g/cc	0.405 lb/in ³	

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

Thermal Properties	Metric	English	Comments
Melting Point	800 - 930 °C	1470 - 1710 °F	
Solidus	800 °C	1470 °F	
Liquidus	930 °C	1710 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	52.19 %	52.19 %	
Gold, Au	33.3 %	33.3 %	
Silver, Ag	14 %	14 %	
Zinc, Zn	0.51 %	0.51 %	

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	red	

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