

Wieland 1605 Wilaform Gold

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

Material Notes:

Red gold for all kinds of decoration manufacturing.Applications: casting, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1605-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	15.1 g/cc	0.546 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	150	150	HV5; glowd
Tensile Strength, Ultimate	550 MPa	79800 psi	
Elongation at Break	40 %	40 %	

Thermal Properties	Metric	English	Comments
Melting Point	880 - 900 °C	1620 - 1650 °F	
Solidus	880 °C	1620 °F	
Liquidus	900 °C	1650 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	19.5 %	19.5 %	
Gold, Au	75 %	75 %	
Other	0.50 %	0.50 %	
Silver, Ag	5.0 %	5.0 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1000 - 1100 °C	1830 - 2010 °F	

Descriptive Properties	Value	Comments
Color	red 5N	

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