

Wieland 1416 Wilaform Gold

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

Material Notes:

Hard yellow gold alloy with good extensibility. By grain stabilization particularly suitable for the production of chains or poured parts. Applications: casting, chains, laminar decoration, pipesDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1416-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	12.9 g/cc	0.466 lb/in ³	

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

Thermal Properties	Metric	English	Comments
Melting Point	840 - 870 °C	1540 - 1600 °F	
Solidus	840 °C	1540 °F	
Liquidus	870 °C	1600 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	29.37 %	29.37 %	
Gold, Au	58.5 %	58.5 %	
Silver, Ag	6.0 %	6.0 %	
Zinc, Zn	6.13 %	6.13 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	970 - 1070 °C	1780 - 1960 °F	

Descriptive Properties	Value	Comments
Color	reddish-yellow	

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