

Wieland 1101 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, chainsDental

Order this product through the following link:
http://www.lookpolymers.com/polymer_Wieland-1101-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	10.9 g/cc	0.394 lb/in³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	110	110	HV5; glowcd
Tensile Strength, Ultimate	420 MPa	60900 psi	
Elongation at Break	35 %	35 %	

Thermal Properties	Metric	English	Comments
Melting Point	820 - 880 °C	1510 - 1620 °F	
Solidus	820 °C	1510 °F	
Liquidus	880 °C	1620 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	40.76 %	40.76 %	
Gold, Au	37.5 %	37.5 %	
Silver, Ag	8.5 %	8.5 %	
Zinc, Zn	13.24 %	13.24 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	980 - 1080 °C	1800 - 1980 °F	

Descriptive Properties	Value	Comments
Color	yellow	

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