

Wieland 1023 Wilaform Gold

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

Material Notes:

Hard yellow gold alloy with good extensibility. Particularly suitable for by machine manufactured decoration. Applications: casting, chains, coin/shape, laminar decorationDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1023-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	10.7 g/cc	0.387 lb/in ³	

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

Thermal Properties	Metric	English	Comments
Melting Point	820 - 910 °C	1510 - 1670 °F	
Solidus	820 °C	1510 °F	
Liquidus	910 °C	1670 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	46.7 %	46.7 %	
Gold, Au	33.3 %	33.3 %	
Silver, Ag	9.0 %	9.0 %	
Zinc, Zn	11 %	11 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1010 - 1110 °C	1850 - 2030 °F	

Descriptive Properties	Value	Comments
Color	yellow	

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