

Wieland 1401 Wilaform Gold

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

Material Notes:

Hard standard yellow gold alloy. Easily splintered and polished thus very well suited for crafts and industrial decoration manufacturing. Applications: casting, chains, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1401-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	13.9 g/cc	0.502 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	130	130	HV5; glowed
Tensile Strength, Ultimate	500 MPa	72500 psi	
Elongation at Break	30 %	30 %	

Thermal Properties	Metric	English	Comments
Melting Point	850 - 880 °C	1560 - 1620 °F	
Solidus	850 °C	1560 °F	
Liquidus	880 °C	1620 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	11.5 %	11.5 %	
Gold, Au	58.5 %	58.5 %	
Silver, Ag	30 %	30 %	

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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