

Wieland 1403 Wilaform Gold

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

Material Notes:

Hard yellow gold alloy. Universally applicable in decoration production. Since it does not possess a very fine-grained structure it is used frequently for chains. Applications: casting, chains, laminar decoration. Dental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-1403-Wilaform-Gold.php

Physical Properties	Metric	English	Comments
Density	14.0 g/cc	0.506 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	120	120	HV5; glow
Tensile Strength, Ultimate	400 MPa	58000 psi	
Elongation at Break	33 %	33 %	

Thermal Properties	Metric	English	Comments
Melting Point	870 - 920 °C	1600 - 1690 °F	
Solidus	870 °C	1600 °F	
Liquidus	920 °C	1690 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	0.26 %	0.26 %	
Gold, Au	58.5 %	58.5 %	
Silver, Ag	33.5 %	33.5 %	
Zinc, Zn	7.74 %	7.74 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1020 - 1120 °C	1870 - 2050 °F	

Descriptive Properties	Value	Comments
Color	pale-yellow	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China