

Wieland Portadur T Casting Alloy

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

Material Notes:

Gold casting alloy Applications: inlays/onlays, crowns, acrylic veneeringDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-Portadur-T-Casting-Alloy.php

Physical Properties	Metric	English	Comments
Density	15.9 g/cc	0.574 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	120	120	HV5/30; as cast
	150	150	HV5/30; hardened
Tensile Strength, Yield	230.00 MPa @Strain 0.200 %	33359 psi @Strain 0.200 %	as cast
	370.00 MPa @Strain 0.200 %	53664 psi @Strain 0.200 %	hardened
Elongation at Break	35 %	35 %	hardened
	39 %	39 %	as cast
Modulus of Elasticity	95.0 GPa	13800 ksi	

Component Elements Properties	Metric	English	Comments
Copper, Cu	8.5 %	8.5 %	
Gold, Au	77 %	77 %	
Indium, In	0.20 %	0.20 %	
Iridium, Ir	0.10 %	0.10 %	
Platinum, Pt	1.0 %	1.0 %	
Silver, Ag	13 %	13 %	
Zinc, Zn	0.20 %	0.20 %	

Processing Properties	Metric	English	Comments
Processing Temperature	649 °C	1200 °F	Preheating Temp.

Processing Properties	Metric 1038 °C	English 1920 °F	Comments
Casting Temperature	1050 °C	1920 °F	

Descriptive Properties	Value	Comments
Color	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