

Wieland 3012 Wilaform Silver

Category : Metal , Nonferrous Metal , Precious Metal , Silver Alloy

Material Notes:

A balance of manufacturing and performance characteristics makes this the preferential silver alloy in the decoration manufacturing industry. The alloy unites good ductility properties with the necessary stability. Applications: casting, chains, coin/shape, laminar decoration, pipes, tubingDental

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wieland-3012-Wilaform-Silver.php

Physical Properties	Metric	English	Comments
Density	10.4 g/cc	0.376 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	70	70	HV5; glowd
Tensile Strength, Ultimate	300 MPa	43500 psi	
Elongation at Break	30 %	30 %	

Thermal Properties	Metric	English	Comments
Melting Point	800 - 900 °C	1470 - 1650 °F	
Solidus	800 °C	1470 °F	
Liquidus	900 °C	1650 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	7.5 %	7.5 %	
Silver, Ag	92.5 %	92.5 %	

Processing Properties	Metric	English	Comments
Processing Temperature	600.0 °C	1112 °F	Cuvette Temp
Casting Temperature	1000 - 1100 °C	1830 - 2010 °F	

Descriptive Properties	Value	Comments
Color	white	

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