

## California Fine Wire Alloy 20-245 Precious Metal Alloy

Category : Metal , Nonferrous Metal

**Material Notes:**

All values may vary dependent on specific design and usage  
Proprietary composition  
Capabilities: WireInsulated  
Information provided by California Fine Wire.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_California-Fine-Wire-Alloy-20-245-Precious-Metal-Alloy.php](http://www.lookpolymers.com/polymer_California-Fine-Wire-Alloy-20-245-Precious-Metal-Alloy.php)

Physical Properties	Metric	English	Comments
Density	11.5 g/cc	0.414 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	765 MPa	111000 psi	Stress relieved
	862 MPa	125000 psi	Hard
Modulus of Elasticity	63.8 GPa	9250 ksi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000407 ohm-cm	0.0000407 ohm-cm	3% tolerance on sizes below 0.02, 5% tolerance on sizes above 0.02

Descriptive Properties	Value	Comments
Magnetic	None	
Temperature Coefficient of Resistance	Max 0.00002 ohms/ohm-°C	0-100°C
Thermal EMF vs. Copper	-0.041 mV	

## Contact Songhan Plastic Technology Co.,Ltd.

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