

Plansee INERMET® IT170 Tungsten-Nickel-Copper Alloy

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Refractory Metal , Tungsten Alloy

Material Notes:

Characteristics:Non-MagneticEasy processingHigh densityPrecision forming and machiningHigh ductilityHigh strength100 % impermeableTypical Applications:Balancing weights in motors and drive componentsVibration dampers in motors and drive componentsCollimator and shielding components for X-ray and gamma radiation protectionAviation and aerospace: propeller and helicopter bladesWatch industry: bobs on watch rotorsSports equipment: golf clubsOptical industry: microscopes and measuring instrumentsInformation provided by Plansee.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plansee-INERMET-IT170-Tungsten-Nickel-Copper-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	17.0 g/cc	17.0 g/cc	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	330 GPa	47900 ksi	

Component Elements Properties	Metric	English	Comments
Other, total	10 %	10 %	Ni + Cu
Tungsten, W	90 %	90 %	

Descriptive Properties	Value	Comments
Ductility	much greater than pure W	
Fineness of Grain	greater than pure W	
Machinability/Workability	much greater than pure W	

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