

Plansee DENSIMET® D180 Tungsten-Nickel-Iron Alloy

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

Material Notes:

Characteristics: Easy processing High density Precision forming and machining High ductility High strength 100 % impermeable Typical

Applications: Balancing weights in motors and drive components Vibration dampers in motors and drive components Collimator and shielding components for X-ray and gamma radiation protection Aviation and aerospace: propeller and helicopter blades Sports equipment: golf clubs Optical industry: microscopes and measuring instruments Information provided by Plansee.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plansee-DENSIMET-D180-Tungsten-Nickel-Iron-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	18.0 g/cc	18.0 g/cc	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	380 GPa	55100 ksi	

Component Elements Properties	Metric	English	Comments
Fe + Ni	5.0 %	5.0 %	
Tungsten, W	95 %	95 %	

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