

Plansee DENAL® 917 108 XXX (1) Tungsten-Nickel-Iron-Cobalt Alloy

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

Material Notes:

Characteristics:exceptionally stronghigh densityoutstanding mechanical damping capabilitiesHigh absorption of X-ray and gamma radiationInformation provided by Plansee.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plansee-DENAL-917-108-XXX-1-Tungsten-Nickel-Iron-Cobalt-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	17.55 g/cc	17.55 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength	1255 - 1315 MPa	182000 - 190700 psi	
Tensile Strength, Yield	1220 - 1280 MPa	177000 - 186000 psi	
Elongation at Break	8.5 - 12 %	8.5 - 12 %	
Charpy Impact, Notched	105 - 170 J/cm ²	500 - 809 ft-lb/in ²	

Component Elements Properties	Metric	English	Comments
Other, total	2.5 - 10 %	2.5 - 10 %	Ni + Fe + Co
Tungsten, W	90 - 97.5 %	90 - 97.5 %	

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