

## Plansee DENAL® 910 179 20 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-910-179-20-Tungsten-Nickel-Iron-Cobalt-Alloy.php](http://www.lookpolymers.com/polymer_Plansee-DENAL-910-179-20-Tungsten-Nickel-Iron-Cobalt-Alloy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	17.6 g/cc	17.6 g/cc	

Mechanical Properties	Metric	English	Comments
Tensile Strength	1600 - 1640 MPa	232000 - 238000 psi	
Tensile Strength, Yield	1600 - 1640 MPa	232000 - 238000 psi	
Elongation at Break	8.0 - 10 %	8.0 - 10 %	
Charpy Impact, Notched	60.0 - 100 J/cm <sup>2</sup>	286 - 476 ft-lb/in <sup>2</sup>	

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