

## Universal Wire Works 347 Stainless Steel (AMS 5680) Filler Metal

Category : Metal , Ferrous Metal , Stainless Steel

**Material Notes:**

Universal 347 is extensively used with the gas tungsten arc, gas metal arc and submerged arc processes. This alloy is suitable for welding stabilized steel grades 321, 347 and 348. Alloy 347 should be used when high service temperatures are encountered (above 700°F). Alloy 347 is similar to type 321, but has a higher creep strength. Excellent for aircraft exhaust components. Information provided by Universal Wire Works for their line of welding wire and filler metal.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Universal-Wire-Works-347-Stainless-Steel-AMS-5680-Filler-Metal.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-347-Stainless-Steel-AMS-5680-Filler-Metal.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	621 MPa	90000 psi	
Tensile Strength, Yield	414 MPa @Strain 0.200 %	60000 psi @Strain 0.200 %	
Elongation at Break	40 %	40 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.060 %	0.060 %	
Chromium, Cr	20 %	20 %	
Iron, Fe	>= 54.6 %	>= 54.6 %	As Remainder
Manganese, Mn	1.8 %	1.8 %	
Molybdenum, Mo	<= 0.75 %	<= 0.75 %	
Nb + Ta	12 %	12 %	
Nickel, Ni	10 %	10 %	
Phosphorous, P	0.020 %	0.020 %	
Silicon, Si	0.75 %	0.75 %	
Sulfur, S	0.010 %	0.010 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China