

## Universal Wire Works 82 (AMS 5836) Filler Metal

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

### Material Notes:

Alloy 82 is a corrosion and heat resistant alloy used extensively for gas tungsten arc and gas metal arc welding of parts fabricated from high nickel alloys or combination of such alloys and corrosion resistant or plain carbon steels. 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-82-AMS-5836-Filler-Metal.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-82-AMS-5836-Filler-Metal.php)

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Chromium, Cr	20 %	20 %	
Cobalt, Co	<= 0.12 %	<= 0.12 %	
Copper, Cu	<= 0.50 %	<= 0.50 %	
Iron, Fe	<= 3.0 %	<= 3.0 %	
Manganese, Mn	<= 3.0 %	<= 3.0 %	
Nickel, Ni	69 %	69 %	
Niobium, Nb (Columbium, Cb)	2.5 %	2.5 %	
Other, total	<= 0.50 %	<= 0.50 %	
Phosphorous, P	<= 0.030 %	<= 0.030 %	
Silicon, Si	<= 0.50 %	<= 0.50 %	
Sulfur, S	<= 0.015 %	<= 0.015 %	
Tantalum, Ta	<= 0.30 %	<= 0.30 %	
Titanium, Ti	<= 0.75 %	<= 0.75 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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