

## Universal Wire Works 67 Nickel Alloy Welding Wire

Category : Metal , Nonferrous Metal , Copper Alloy , Nickel Alloy

### Material Notes:

Alloy 67 is used for TIG, MIG, oxyacetylene and submerged-arc welding of 70/30, 80/20 and 90/10 copper-nickel alloys, as well as overlaying on steel. On applications using submerged-arc welding, a first layer of Alloy 60 should be used. Dissimilar welding applications of Alloy 67 include: joining nickel 200 and Monel type alloys to copper-nickel alloys. 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-67-Nickel-Alloy-Welding-Wire.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-67-Nickel-Alloy-Welding-Wire.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	345 MPa	50000 psi	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.040 %	<= 0.040 %	
Copper, Cu	>= 65 %	>= 65 %	As Remainder
Iron, Fe	0.40 - 0.70 %	0.40 - 0.70 %	
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Nickel, Ni	29 - 32 %	29 - 32 %	
Other	<= 0.50 %	<= 0.50 %	
Phosphorous, P	<= 0.030 %	<= 0.030 %	
Silicon, Si	<= 0.25 %	<= 0.25 %	
Sulfur, S	<= 0.010 %	<= 0.010 %	
Titanium, Ti	0.20 - 0.50 %	0.20 - 0.50 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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