

## Universal Wire Works 310 Stainless Steel Electrode

Category : Metal , Ferrous Metal , Stainless Steel , T 300 Series Stainless Steel

### Material Notes:

Universal 310 electrodes were developed for the welding of 310 stainless steel. The deposited weld metal exhibits the same chemical analysis and oxidation resistance as the 310 base metal. Maintenance engineers have for years considered Alloy 310 a general purpose electrode for welding almost every analysis of carbon or alloy steels. Preheating to approximately 300 to 500 degrees F will produce strong crack-free welds in dissimilar steels. Alloy 310 is often used for welding 410, 430, and 502 in field welding where it is not possible to preheat or anneal after welding. 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-310-Stainless-Steel-Electrode.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-310-Stainless-Steel-Electrode.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	655 MPa	95000 psi	
Elongation at Break	40 %	40 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.12 %	0.12 %	
Chromium, Cr	26.5 %	26.5 %	
Iron, Fe	50.2 %	50.2 %	As Remainder
Manganese, Mn	1.8 %	1.8 %	
Nickel, Ni	21 %	21 %	
Silicon, Si	0.40 %	0.40 %	

## 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