

Universal Wire Works 317L Stainless Steel Electrode

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

Material Notes:

Universal 317L electrodes are slightly higher in alloy content than type 316L, particularly in molybdenum and are used primarily for welding type 317 stainless steel. This electrode is used extensively for resistance to corrosion caused by sulfuric and sulfurous acids. Alloy 317L is used in the manufacturing and maintenance repair of equipment and parts for the chemical, refining, paper and textile industries. Alloy 317L can be used to fabricate equipment subject to temperatures up to 1300 degrees F. 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-317L-Stainless-Steel-Electrode.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	607 MPa	88000 psi	
Elongation at Break	38 %	38 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.030 %	0.030 %	
Chromium, Cr	19.8 %	19.8 %	
Iron, Fe	61.9 %	61.9 %	As Remainder
Manganese, Mn	1.8 %	1.8 %	
Molybdenum, Mo	3.25 %	3.25 %	
Nickel, Ni	12.6 %	12.6 %	
Silicon, Si	0.60 %	0.60 %	

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