

Universal Wire Works 310 Cb Stainless Steel Electrode

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

Material Notes:

Universal 310 Cb electrodes are the same as the 310 electrodes except for the addition of columbium and the reduction in the carbon content. This alloy is especially useful in the welding of types 304, 309, 310, 316, 321, and 347. Universal 310 Cb is also used for joining columbium stabilized stainless steel to mild or 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-310-Cb-Stainless-Steel-Electrode.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	662 MPa	96000 psi	
Elongation at Break	33 %	33 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.11 %	0.11 %	
Chromium, Cr	26.1 %	26.1 %	
Iron, Fe	49.5 %	49.5 %	As Remainder
Manganese, Mn	1.95 %	1.95 %	
Nickel, Ni	20.9 %	20.9 %	
Niobium, Nb (Columbium, Cb)	0.90 %	0.90 %	
Silicon, Si	0.50 %	0.50 %	

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