

Universal Wire Works ER312 Stainless Steel Bare Wire

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

This high strength alloy, originally designed for welding cast alloys of similar composition, has been found to be valuable in welding dissimilar metals, one of which is a high nickel alloy. This alloy gives a two-phase weld deposit with substantial percentages of ferrite in an austenite matrix. Even with considerable dilutions of austenite forming elements such as nickel, the microstructure remains two-phase and thus highly resistant to weld metal cracks and fissures. 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-ER312-Stainless-Steel-Bare-Wire.php

Component Elements Properties	Metric	English	Comments
Chromium, Cr	29 %	29 %	
Iron, Fe	62 %	62 %	As Remainder
Nickel, Ni	9.0 %	9.0 %	

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