

Universal Wire Works ER240 Stainless Steel Bare Wire

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

This alloy is most often used for welding UNS S24000 and UNS S24100 base metals. These alloys are nitrogen strengthened austenitic stainless steels exhibiting high strength and good toughness in a wide range of temperatures. Significant improvement of wear resistance in particle-to-metal and metal-to-metal (galling) application is a valuable characteristic when compared with more conventional austenitic stainless steels like type 304. Nitrogen alloying reduces the tendency toward intergranular carbide precipitation in the weld area and improves resistance to transgranular stress corrosion in hot aqueous chloride-containing media. 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-ER240-Stainless-Steel-Bare-Wire.php

Component Elements Properties	Metric	English	Comments
Chromium, Cr	18 %	18 %	
Iron, Fe	64.85 %	64.85 %	As Remainder
Manganese, Mn	12 %	12 %	
Nickel, Ni	5.0 %	5.0 %	
Nitrogen, N	0.15 %	0.15 %	

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