

Universal Wire Works 132 Nickel Alloy Welding Wire

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Alloy 132 is used for arc welding Inconel type alloy 600 and 601 and stainless alloy 330. Deposited weld metal has excellent high temperature strength and oxidation resistance. The dissimilar welding applications include joining Inconel and Incoloy type alloys to carbon steel, stainless steel, nickel and Monel type alloys; and joining carbon steels to Monel and stainless steels to carbon steel and nickel. Electrode sizes 3/32 and 1/8 diameter can be used in all positions, while the larger 5/32 and 3/16 diameters are used in the flat and horizontal positions. POWER SUPPLY DCRP 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-132-Nickel-Alloy-Welding-Wire.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	552 MPa	80000 psi	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.080 %	<= 0.080 %	
Chromium, Cr	13 - 17 %	13 - 17 %	
Cobalt, Co	<= 0.12 %	<= 0.12 %	
Copper, Cu	<= 0.50 %	<= 0.50 %	
Iron, Fe	<= 11.5 %	<= 11.5 %	
Manganese, Mn	<= 3.5 %	<= 3.5 %	
Nickel, Ni	>= 62 %	>= 62 %	
Niobium, Nb (Columbium, Cb)	1.5 - 4.0 %	1.5 - 4.0 %	
Other	<= 0.50 %	<= 0.50 %	
Phosphorous, P	<= 0.030 %	<= 0.030 %	
Sulfur, S	<= 0.020 %	<= 0.020 %	
Tantalum, Ta	<= 0.30 %	<= 0.30 %	

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