

Universal Wire Works HP9-4-20 (AMS 6468) Low Alloy Steel Welding Wire

Category : Metal , Ferrous Metal , Alloy Steel , Low Alloy Steel

Material Notes:

Alloy HP9-4-20 is a premium quality low alloy steel filler metal for use with the gas tungsten arc and gas metal arc welding processes. Alloy HP9-4-20 is designed to weld those low-alloy steels having compositions similar to that of this wire and requiring a combination of high strength and high notch toughness without the need for post-weld heat treatment. 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-HP9-4-20-AMS-6468-Low-Alloy-Steel-Welding-Wire.php

Component Elements Properties	Metric	English	Comments
Carbon, C	0.16 %	0.16 %	
Chromium, Cr	1.0 %	1.0 %	
Cobalt, Co	3.75 %	3.75 %	
Copper, Cu	<= 0.10 %	<= 0.10 %	
Hydrogen, H	<= 0.0010 %	<= 0.0010 %	
Iron, Fe	>= 83.7 %	>= 83.7 %	As Remainder
Manganese, Mn	0.50 %	0.50 %	
Molybdenum, Mo	0.45 %	0.45 %	
Nickel, Ni	10 %	10 %	
Nitrogen, N	<= 0.0080 %	<= 0.0080 %	
Oxygen, O	<= 0.0050 %	<= 0.0050 %	
Phosphorous, P	<= 0.0080 %	<= 0.0080 %	
Silicon, Si	0.20 %	0.20 %	
Sulfur, S	<= 0.0080 %	<= 0.0080 %	
Vanadium, V	0.080 %	0.080 %	

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