

Universal Wire Works 17-22ASVM (AMS 6458) Low Alloy Steel Welding Wire

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

Material Notes:

Alloy 17-22ASVM is a controlled chemistry vacuum melted filler metal of premium quality. This alloy is primarily used with the gas tungsten arc and gas metal arc processes for low alloy steels of similar composition where the weld metal is required to have strength comparable to that of the parent metal. 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-17-22ASVM-AMS-6458-Low-Alloy-Steel-Welding-Wire.php

Component Elements Properties	Metric	English	Comments
Carbon, C	0.30 %	0.30 %	
Chromium, Cr	1.25 %	1.25 %	
Copper, Cu	<= 0.35 %	<= 0.35 %	
Hydrogen, H	<= 0.0025 %	<= 0.0025 %	
Iron, Fe	>= 95.8 %	>= 95.8 %	As Remainder
Manganese, Mn	0.55 %	0.55 %	
Molybdenum, Mo	0.50 %	0.50 %	
Nickel, Ni	<= 0.25 %	<= 0.25 %	
Nitrogen, N	<= 0.0050 %	<= 0.0050 %	
Oxygen, O	<= 0.0025 %	<= 0.0025 %	
Phosphorous, P	<= 0.0080 %	<= 0.0080 %	
Silicon, Si	0.65 %	0.65 %	
Sulfur, S	<= 0.0080 %	<= 0.0080 %	
Vanadium, V	0.30 %	0.30 %	

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