Universal Wire Works Multimet (N-155) (AMS 5794) Filler Metal

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

Material Notes:

Multimet Alloy (N-155) can be welded using the gas tungsten arc and gas metal arc welding processes. Alloy N-155 has moderate resistance to stress up to 2000°F and excellent resistance to stress up to 1500°F. This alloy gains wide acceptance in the aircraft industry welding jet engine parts such as tailpipes, tail cones, afterburner parts, exhaust manifolds, turbine blades, buckets, nozzles and combustion chambers.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-Multimet-N-155-AMS-5794-Filler-Metal.php

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Chromium, Cr	21.5 %	21.5 %	
Cobalt, Co	20 %	20 %	
Iron, Fe	>= 28.9 %	>= 28.9 %	As Remainder
Manganese, Mn	1.5 %	1.5 %	
Molybdenum, Mo	3.0 %	3.0 %	
Nb + Ta	<= 1.25 %	<= 1.25 %	
Nickel, Ni	20 %	20 %	
Nitrogen, N	<= 0.20 %	<= 0.20 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.030 %	<= 0.030 %	
Tungsten, W	2.5 %	2.5 %	

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