

Universal Wire Works Rene 41 (AMS 5800) Filler Metal

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Rene 41 can be welded with the gas tungsten arc and gas metal arc processes. Because of its high strength and good oxidation resistance, this alloy is recommended for jet and rocket engine components such as turbine wheels, turbine blades, torque rings, afterburner parts, combustion chambers liners, structural hardware and various airframe and missile components. 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-Rene-41-AMS-5800-Filler-Metal.php

Component Elements Properties	Metric	English	Comments
Aluminum, Al	1.5 %	1.5 %	
Boron, B	0.0060 %	0.0060 %	
Carbon, C	<= 0.12 %	<= 0.12 %	
Chromium, Cr	19 %	19 %	
Cobalt, Co	11 %	11 %	
Iron, Fe	<= 5.0 %	<= 5.0 %	
Manganese, Mn	0.10 %	0.10 %	
Molybdenum, Mo	10 %	10 %	
Nickel, Ni	>= 49.8 %	>= 49.8 %	As Remainder
Other	<= 0.020 %	<= 0.020 %	
Silicon, Si	0.50 %	0.50 %	
Titanium, Ti	3.0 %	3.0 %	

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