

Universal Wire Works Inconel 625 (AMS 5837) Filler Metal

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Inconel Filler Metal 625 is recommended for gas metal arc and gas tungsten arc welding of nickel base alloys 625 and 601, Incoloy alloys, carbon steels, low alloy steels and stainless steels. This alloy is useful for jet engine applications requiring excellent stress-rupture strength, oxidation resistance to 1200°F, plus outstanding fatigue strength and cryogenic properties. Many engine applications include ducting systems, combustion systems, thrust reverser assemblies, fuel nozzles, afterburner parts and spray bars. 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-Inconel-625-AMS-5837-Filler-Metal.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 689 MPa	>= 100000 psi	
Tensile Strength, Yield	>= 414 MPa @Strain 0.200 %	>= 60000 psi @Strain 0.200 %	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.040 %	<= 0.040 %	
Carbon, C	<= 0.10 %	<= 0.10 %	
Chromium, Cr	21 %	21 %	
Cobalt, Co	<= 1.0 %	<= 1.0 %	
Iron, Fe	<= 5.0 %	<= 5.0 %	
Molybdenum, Mo	9.0 %	9.0 %	
Nb + Ta	3.5 %	3.5 %	
Nickel, Ni	62 %	62 %	
Titanium, Ti	<= 0.040 %	<= 0.040 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China