

Universal Wire Works 310 Stainless Steel (AMS 5694) Filler Metal

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

Universal 310 alloy is primarily used for welding type 310 stainless steels, dissimilar steels and such types as 405, 410 and 430 steels when preheat and postheat are not practical. This alloy exhibits high temperature tensile strength and resistance to scaling and is often used on heat exchangers, combustion chambers, gas turbine parts and jet engine rings. 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-310-Stainless-Steel-AMS-5694-Filler-Metal.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	586 MPa	85000 psi	
Tensile Strength, Yield	379 MPa @Strain 0.200 %	55000 psi @Strain 0.200 %	
Elongation at Break	35 %	35 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.10 %	0.10 %	
Chromium, Cr	26.5 %	26.5 %	
Copper, Cu	<= 0.50 %	<= 0.50 %	
Iron, Fe	>= 48.8 %	>= 48.8 %	As Remainder
Manganese, Mn	1.7 %	1.7 %	
Molybdenum, Mo	<= 0.75 %	<= 0.75 %	
Nickel, Ni	21.2 %	21.2 %	
Phosphorous, P	0.020 %	0.020 %	
Silicon, Si	0.40 %	0.40 %	
Sulfur, S	0.010 %	0.010 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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