

Universal Wire Works 2319 (AMS 4191) Aluminum Alloy Filler Metal

Category : Metal , Nonferrous Metal , Aluminum Alloy

Material Notes:

Alloy 2319 is used on applications requiring good strength at high temperatures (600°F) and many cryogenic and aircraft parts. Primarily used where weld joints are capable of being heat treated to high strength. 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-2319-AMS-4191-Aluminum-Alloy-Filler-Metal.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	476 MPa	69000 psi	
Tensile Strength, Yield	393 MPa @Strain 0.200 %	57000 psi @Strain 0.200 %	
Elongation at Break	10 %	10 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	>= 92.05 %	>= 92.05 %	As Remainder
Copper, Cu	6.3 %	6.3 %	
Iron, Fe	<= 0.30 %	<= 0.30 %	
Magnesium, Mg	<= 0.20 %	<= 0.20 %	
Manganese, Mn	0.30 %	0.30 %	
Other	<= 0.15 %	<= 0.15 %	
Silicon, Si	<= 0.20 %	<= 0.20 %	
Titanium, Ti	0.15 %	0.15 %	
Vanadium, V	0.10 %	0.10 %	
Zinc, Zn	<= 0.10 %	<= 0.10 %	
Zirconium, Zr	0.15 %	0.15 %	

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