

## Universal Wire Works Haynes 188 (AMS 5801) Filler Metal

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

### Material Notes:

Haynes Alloy No. 188 is often used with the gas tungsten arc and gas metal arc processes. Alloy 188 has excellent high temperature strength and oxidation resistance to 2100°F combined with post aging ductility. Small additions of lanthanum account for the excellent oxidation resistance. This alloy has been successfully used for gas turbine, airframe, chemical and nuclear applications. More specifically, the alloy can be used to weld transition ducts, spray bars, flame holders, liners in jet engines and combustion cans. 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-Haynes-188-AMS-5801-Filler-Metal.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-Haynes-188-AMS-5801-Filler-Metal.php)

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.15 %	<= 0.15 %	
Chromium, Cr	22 %	22 %	
Cobalt, Co	>= 37 %	>= 37 %	As Remainder
Iron, Fe	<= 3.0 %	<= 3.0 %	
Lanthanum, La	0.040 %	0.040 %	
Manganese, Mn	<= 1.25 %	<= 1.25 %	
Nickel, Ni	22 %	22 %	
Phosphorous, P	0.020 %	0.020 %	
Silicon, Si	<= 0.50 %	<= 0.50 %	
Sulfur, S	0.015 %	0.015 %	
Tungsten, W	14 %	14 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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