

## Universal Wire Works Stellite 31 (AMS 5789) Filler Metal

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

### Material Notes:

Haynes Stellite Alloy No. 31 is a cobalt base alloy having very good stress-rupture endurance and creep strength properties. No. 31 can be welded with the gas tungsten arc, gas metal arc and plasma welding processes. 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-Stellite-31-AMS-5789-Filler-Metal.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-Stellite-31-AMS-5789-Filler-Metal.php)

Component Elements Properties	Metric	English	Comments
Carbon, C	0.50 %	0.50 %	
Chromium, Cr	26 %	26 %	
Cobalt, Co	>= 50.4 %	>= 50.4 %	As Remainder
Iron, Fe	<= 2.0 %	<= 2.0 %	
Manganese, Mn	1.0 %	1.0 %	
Nickel, Ni	11 %	11 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.040 %	<= 0.040 %	
Tungsten, W	<= 8.0 %	<= 8.0 %	

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