

Universal Wire Works 29-9 (AMS 5784) Filler Metal

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

Universal 29-9 is designed for welding similar and dissimilar corrosion and heat resisting steels with the gas metal arc and gas tungsten arc 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-29-9-AMS-5784-Filler-Metal.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|----------------------------|------------------------------|--------------|
| Tensile Strength, Ultimate | 689 MPa | 100000 psi | Heat Treated |
| Tensile Strength, Yield | 414 MPa @Strain 0.200 % | 60000 psi @Strain 0.200 % | Heat Treated |
| Elongation at Break | 25 % | 25 % | Heat Treated |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|---------|---------|--------------|
| Carbon, C | 0.12 % | 0.12 % | |
| Chromium, Cr | 30 % | 30 % | |
| Iron, Fe | 62 % | 62 % | As Remainder |
| Manganese, Mn | 1.8 % | 1.8 % | |
| Nickel, Ni | 9.3 % | 9.3 % | |
| Phosphorous, P | 0.020 % | 0.020 % | |
| Silicon, Si | 0.40 % | 0.40 % | |
| Sulfur, S | 0.010 % | 0.010 % | |

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