

Universal Wire Works Jethete (AMS 5823) Filler Metal

Category: Metal, Ferrous Metal, Stainless Steel, Superalloy, Iron Base

Material Notes:

Jethete is a corrosion and moderate heat resistant alloy for fusion welding steels of similar composition requiring joints with good strength and oxidation resistance to 800°F.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-Jethete-AMS-5823-Filler-Metal.php

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|------------|------------|--------------|
| Carbon, C | 0.12 % | 0.12 % | |
| Chromium, Cr | 12 % | 12 % | |
| Cobalt, Co | 1.75 % | 1.75 % | |
| Iron, Fe | >= 79.8 % | >= 79.8 % | As Remainder |
| Manganese, Mn | 1.0 % | 1.0 % | |
| Molybdenum, Mo | 1.75 % | 1.75 % | |
| Nickel, Ni | 2.75 % | 2.75 % | |
| Nitrogen, N | <= 0.045 % | <= 0.045 % | |
| Phosphorous, P | <= 0.030 % | <= 0.030 % | |
| Silicon, Si | <= 0.40 % | <= 0.40 % | |
| Sulfur, S | <= 0.030 % | <= 0.030 % | |
| Vanadium, V | 0.35 % | 0.35 % | |

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