

Universal Wire Works 4130 Steel Welding Wire

Category : Metal , Ferrous Metal , Carbon Steel

Material Notes:

Universal 4130 is a heat treatable low alloy steel for the welding of SAE 4100 series steels. Some of these steels, the higher carbon grades, will require a preheat of 300°F to 350°F. The lower carbon grades are easily welded without preheat unless the preheat is required to develop specific physical properties. 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-4130-Steel-Welding-Wire.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	1030 - 1100 MPa	150000 - 160000 psi	or higher

Component Elements Properties	Metric	English	Comments
Carbon, C	0.31 %	0.31 %	
Chromium, Cr	0.93 %	0.93 %	
Iron, Fe	97.7 %	97.7 %	As Remainder
Manganese, Mn	0.52 %	0.52 %	
Molybdenum, Mo	0.20 %	0.20 %	
Phosphorous, P	0.012 %	0.012 %	
Silicon, Si	0.28 %	0.28 %	
Sulfur, S	0.023 %	0.023 %	

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