

Universal Wire Works 80SB-2L Steel Welding Wire

Category : Metal , Ferrous Metal , Carbon Steel

Material Notes:

Universal 80SB-2L is the same as 80SB-2 with the exception of the carbon content, which is restricted to less than 0.05%. Universal 80SB-2 is a 1/14 chromium 2 molybdenum alloy designed for welding similar composition alloys used primarily in the process industries in steam piping systems and pressure vessels. Weld deposits require preheat and postweld heat treatments in order to exhibit optimum 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-80SB-2L-Steel-Welding-Wire.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	552 MPa	80000 psi	
Tensile Strength, Yield	469 MPa	68000 psi	
Elongation at Break	19 %	19 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.050 %	<= 0.050 %	
Chromium, Cr	1.5 %	1.5 %	
Iron, Fe	97.1 %	97.1 %	As Remainder
Manganese, Mn	0.60 %	0.60 %	
Molybdenum, Mo	0.54 %	0.54 %	
Silicon, Si	0.23 %	0.23 %	

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