

Universal Wire Works 90SB-3 Steel Welding Wire

Category : Metal , Ferrous Metal , Carbon Steel

Material Notes:

Universal 90SB-3 is a 2.25% chromium and 1% molybdenum alloy for welding on steel of similar composition. This alloy is designed for joints in process piping systems, boilers, or pressure vessels. Weld deposits require preheat and postweld heat treatments for optimum mechanical 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-90SB-3-Steel-Welding-Wire.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	621 MPa	90000 psi	
Tensile Strength, Yield	538 MPa	78000 psi	
Elongation at Break	17 %	17 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.11 %	0.11 %	
Chromium, Cr	2.51 %	2.51 %	
Iron, Fe	95.3 %	95.3 %	As Remainder
Manganese, Mn	0.57 %	0.57 %	
Molybdenum, Mo	0.98 %	0.98 %	
Silicon, Si	0.52 %	0.52 %	

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