

Universal Wire Works 505 E8018-B8 Stainless Steel Electrode

Category : Metal , Ferrous Metal , Stainless Steel

Material Notes:

Universal 505 electrodes deposit 9% chromium 1% molybdenum deposits in applications that are primarily pipe, tube and castings. Type 505 is an air hardening alloy and as such requires both a preheat and stress relief for satisfactory results. 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-505-E8018-B8-Stainless-Steel-Electrode.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	414 MPa	60000 psi	
Elongation at Break	20 %	20 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.10 %	0.10 %	
Chromium, Cr	9.5 %	9.5 %	
Iron, Fe	87.1 %	87.1 %	As Remainder
Manganese, Mn	1.0 %	1.0 %	
Molybdenum, Mo	1.0 %	1.0 %	
Nickel, Ni	0.40 %	0.40 %	
Silicon, Si	0.90 %	0.90 %	

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