

Universal Wire Works 320 Stainless Steel Electrode

Category : Metal , Ferrous Metal , Stainless Steel , T 300 Series Stainless Steel

Material Notes:

Universal 320 produces a fully austenitic deposit for welding Carpenter Stainless No. 20Cb-3 (wrought form) or Durimet 20 (cast form) or similar alloys. The 320 alloy was developed to give improved resistance to the corrosive action of sulfuric acid. 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-320-Stainless-Steel-Electrode.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	552 MPa	80000 psi	
Elongation at Break	38 %	38 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.060 %	0.060 %	
Chromium, Cr	20 %	20 %	
Iron, Fe	44 %	44 %	As Remainder
Manganese, Mn	0.50 %	0.50 %	
Molybdenum, Mo	2.0 %	2.0 %	
Nickel, Ni	32.5 %	32.5 %	
Niobium, Nb (Columbium, Cb)	0.50 %	0.50 %	
Silicon, Si	0.40 %	0.40 %	

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