

## Universal Wire Works ER320LR Stainless Steel Bare Wire

Category : Metal , Ferrous Metal , Stainless Steel

### Material Notes:

This alloy has the same basic composition as ER320; however, the elements C, Si, P, and S are specified at lower maximum levels and the Cb and Mn are controlled at narrower ranges. These changes reduce the weld metal hot cracking and fissuring (while maintaining the corrosion resistance) frequently encountered in fully austenitic stainless steel weld metal. Consequently, welding conditions typically used for austenitic stainless steel weld metals containing ferrite can be used in MIG, TIG and submerged-arc applications. ER320LR has a lower minimum tensile strength than ER320 weld metal. 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-ER320LR-Stainless-Steel-Bare-Wire.php](http://www.lookpolymers.com/polymer_Universal-Wire-Works-ER320LR-Stainless-Steel-Bare-Wire.php)

Component Elements Properties	Metric	English	Comments
Chromium, Cr	20 %	20 %	
Copper, Cu	3.5 %	3.5 %	
Iron, Fe	36.5 %	36.5 %	As Remainder
Molybdenum, Mo	2.5 %	2.5 %	
Nickel, Ni	34 %	34 %	
Niobium, Nb (Columbium, Cb)	3.5 %	3.5 %	

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