

Schmolz + Bickenbach UGIPLEX UGI 4362 Low Nickel Bar

Category : Metal , Ferrous Metal , Duplex

Material Notes:

Description: UGIPLES is the austeno-ferritic grades (Duplex) offer a perfect compromise between corrosion resistance and mechanical properties. This "economical" duplex is designed for the process and construction industries (notably concrete reinforcements). It is an excellent alternative to the 1.4401/1.4404 (316L), since its corrosion resistance is at least equivalent. It offers better mechanical properties. Its composition allows a much lower alloy surcharge than that of the 316L. Information provided by Schmolz + Bickenbach

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schmolz-Bickenbach-UGIPLEX-UGI-4362-Low-Nickel-Bar.php

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.030 %	<= 0.030 %	
Chromium, Cr	22 - 24 %	22 - 24 %	
Copper, Cu	0.10 - 0.60 %	0.10 - 0.60 %	
Iron, Fe	>= 66.035 %	>= 66.035 %	
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Molybdenum, Mo	0.10 - 0.60 %	0.10 - 0.60 %	
Nickel, Ni	3.5 - 5.5 %	3.5 - 5.5 %	
Nitrogen, N	0.050 - 0.20 %	0.050 - 0.20 %	
Phosphorous, P	<= 0.035 %	<= 0.035 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

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