

Schmolz + Bickenbach UGILEAN UGI 4116N Low Nickel Bar

Category : Metal , Ferrous Metal , Ferritic , Martensitic

Material Notes:

Description: UGILEN is a martensitic and ferritic grades characterized by their excellent levels of mechanical or magnetic properties. This grade is an alternative to 1.4125 (440C) and offers a better level of corrosion resistance. Information provided by Schmolz + Bickenbach

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schmolz-Bickenbach-UGILEAN-UGI-4116N-Low-Nickel-Bar.php

Component Elements Properties	Metric	English	Comments
Carbon, C	0.48 - 0.55 %	0.48 - 0.55 %	
Chromium, Cr	0.50 - 0.80 %	0.50 - 0.80 %	
Iron, Fe	>= 81.295 %	>= 81.295 %	
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	0.50 - 0.80 %	0.50 - 0.80 %	
Nitrogen, N	0.050 - 0.15 %	0.050 - 0.15 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.015 %	<= 0.015 %	
Vanadium, V	0.10 - 0.15 %	0.10 - 0.15 %	

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