

Niagara LaSalle 8620 Cold Finished Steel Bar

Category : Metal , Ferrous Metal , Alloy Steel , AISI 8000 Series Steel

Material Notes:

The most widely used carburizing alloy. Its nickel content imparts good toughness and ductility. The chromium and molybdenum increases hardness penetration and wearability. This steel's well balanced alloy content permits hardening to produce a strong, tough core and high case hardness. It machines at 110 sfm and has good welding qualities. Information provided by Niagra LaSalle Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niagara-LaSalle-8620-Cold-Finished-Steel-Bar.php

Component Elements Properties	Metric	English	Comments
Carbon, C	0.18 - 0.23 %	0.18 - 0.23 %	
Chromium, Cr	0.40 - 0.60 %	0.40 - 0.60 %	
Iron, Fe	96.895 - 98.02 %	96.895 - 98.02 %	as balance
Manganese, Mn	0.70 - 0.90 %	0.70 - 0.90 %	
Molybdenum, Mo	0.15 - 0.25 %	0.15 - 0.25 %	
Nickel, Ni	0.40 - 0.70 %	0.40 - 0.70 %	
Phosphorous, P	<= 0.035 %	<= 0.035 %	
Silicon, Si	0.15 - 0.35 %	0.15 - 0.35 %	
Sulfur, S	<= 0.040 %	<= 0.040 %	

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