

Niagara LaSalle 8620 Leaded Cold Finished Steel Bar

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

Material Notes:

Lead added to this grade increases parts production by some 25% with excellent finish and good tool life. Machining speeds are increased to 145 sfm and there are no adverse effects on properties. Readily carburized, the well balanced alloy content of this grade permits hardening to produce a strong, tough core and high case hardness. Information provided by Niagra LaSalle Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niagara-LaSalle-8620-Leaded-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	96.545 - 97.87 %	96.545 - 97.87 %	as balance
Lead, Pb	0.15 - 0.35 %	0.15 - 0.35 %	
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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