

Niagara LaSalle 1018 Cold Finished Steel Bar

Category : Metal , Ferrous Metal , Carbon Steel , AISI 1000 Series Steel , Low Carbon Steel

Material Notes:

This low carbon steel has good case hardening properties. Although not classed as a screw machine steel, at times it may be specified. This is an excellent steel for bending and cold forming, with good brazing and welding properties. Information provided by Niagra LaSalle Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niagara-LaSalle-1018-Cold-Finished-Steel-Bar.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	126	126	
Tensile Strength	441 MPa	64000 psi	
Tensile Strength, Yield	372 MPa	54000 psi	
Elongation at Break	>= 15 %	>= 15 %	2"
Reduction of Area	40 %	40 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.15 - 0.20 %	0.15 - 0.20 %	
Iron, Fe	97.65 - 99.1 %	97.65 - 99.1 %	as balance
Manganese, Mn	0.60 - 0.90 %	0.60 - 0.90 %	
Phosphorous, P	<= 0.40 %	<= 0.40 %	
Silicon, Si	0.15 - 0.35 %	0.15 - 0.35 %	
Sulfur, S	<= 0.50 %	<= 0.50 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China