

Niagara LaSalle Fatigue-Proof® Cold Finished Steel Bar

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

Material Notes:

Fatigue-Proof® has the high strength properties usually associated only with heat treated steels. It also has excellent machining characteristics, resistance to fatigue and corresponds to AISI Grade 1144. From this special quality hot roll grade Fatigue-Proof® is made by various combinations of mechanical working and thermal treatment wear, and it minimizes distortion. Fatigue-Proof® is produced from a high manganese, resulfurized, silicon killed steel. Information provided by Niagra LaSalle Corporation

Order this product through the following link:

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

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 285	>= 285	
Hardness, Rockwell C	>= 30	>= 30	
Tensile Strength	>= 965 MPa	>= 140000 psi	
Tensile Strength, Yield	>= 862 MPa	>= 125000 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	
Reduction of Area	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.40 - 0.48 %	0.40 - 0.48 %	
Iron, Fe	96.79 - 97.86 %	96.79 - 97.86 %	as balance
Manganese, Mn	1.35 - 1.65 %	1.35 - 1.65 %	
Phosphorous, P	<= 0.40 %	<= 0.40 %	
Silicon, Si	0.15 - 0.35 %	0.15 - 0.35 %	
Sulfur, S	0.24 - 0.33 %	0.24 - 0.33 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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