

Niagara LaSalle IHCP® Cold Finished Steel Bar

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

Material Notes:

IHCP® steel bars and tubes are manufactured to meet the specific needs for piston rod material in hydraulic and pneumatic cylinders. They are readily available in standard and custom sizes, chemistries and plating thicknesses to meet most piston rod applications. IHCP® bars are induction hardened for impact resistance prior to chrome plating and can be processed to a variety of yield strength levels. Information provided by Niagra LaSalle Corporation

Order this product through the following link:

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

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--------------------------|----------------------------|----------|
| Hardness, Rockwell C | >= 50 | >= 50 | |
| Tensile Strength, Yield | 345 MPa | 50000 psi | |
| | @Thickness 15.9 - 152 mm | @Thickness 0.625 - 6.00 in | |
| | >= 517 MPa | >= 75000 psi | |
| | @Thickness 15.9 - 127 mm | @Thickness 0.625 - 5.00 in | |
| | >= 689 MPa | >= 100000 psi | |
| | @Thickness 15.9 - 114 mm | @Thickness 0.625 - 4.50 in | |

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