

Crucible Steel SIL 1 (JIS SUH1) Martensitic Steel

Category : Metal , Ferrous Metal , Martensitic , Stainless Steel

Material Notes:

Information provided by Crucible Specialty Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Crucible-Steel-SIL-1-JIS-SUH1-Martensitic-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 269	>= 269	
Hardness, Rockwell C	<= 38	<= 38	
Tensile Strength, Ultimate	>= 932 MPa	>= 135000 psi	
Tensile Strength, Yield	>= 686 MPa	>= 99500 psi	
Elongation at Break	>= 15 %	>= 15 %	
Reduction of Area	>= 35 %	>= 35 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.40 - 0.50 %	0.40 - 0.50 %	
Chromium, Cr	7.5 - 9.5 %	7.5 - 9.5 %	
Iron, Fe	>= 85.3 %	>= 85.3 %	As Remainder
Manganese, Mn	<= 0.60 %	<= 0.60 %	
Nickel, Ni	<= 0.60 %	<= 0.60 %	
Silicon, Si	3.0 - 3.5 %	3.0 - 3.5 %	

Descriptive Properties	Value	Comments
Heat Treatment, °C	980-1080 O.Q; 700-850 W.Q.	

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