

## Weartech International WT-56 Nickel Hardfacing & Wear Resistant Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy

**Material Notes:**Applications: plastics extrusion screws  
Information provided by Weartech International

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Weartech-International-WT-56-Nickel-Hardfacing-Wear-Resistant-Alloy.php](http://www.lookpolymers.com/polymer_Weartech-International-WT-56-Nickel-Hardfacing-Wear-Resistant-Alloy.php)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	50 - 58	50 - 58	
Hardness, Vickers	275	275	
	@Treatment Temp. 760 °C	@Treatment Temp. 1400 °F	
	400	400	
	@Treatment Temp. 649 °C	@Treatment Temp. 1200 °F	
	460	460	
	@Treatment Temp. 538 °C	@Treatment Temp. 1000 °F	
	500	500	
	@Treatment Temp. 427 °C	@Treatment Temp. 800 °F	
	620	620	
	@Treatment Temp. 25.0 °C	@Treatment Temp. 77.0 °F	

Component Elements Properties	Metric	English	Comments
Boron, B	2.7 %	2.7 %	
Carbon, C	0.60 %	0.60 %	
Chromium, Cr	12.5 %	12.5 %	
Iron, Fe	3.3 %	3.3 %	
Nickel, Ni	77.6 %	77.6 %	
Silicon, Si	3.3 %	3.3 %	

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