

## Kennametal Stellite Nistelle Super C Nickel Superalloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

### Material Notes:

The Nistelle family of nickel powder, nickel wire, nickel rods and nickel electrodes exhibit superior corrosion properties. These nickel base alloys were developed for protection against aggressive chemicals and other corrosive media. Nistelle nickel alloys have excellent high temperature strength and resistance to oxidation. Information provided by Kennametal Stellite, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kennametal-Stellite-Nistelle-Super-C-Nickel-Superalloy.php](http://www.lookpolymers.com/polymer_Kennametal-Stellite-Nistelle-Super-C-Nickel-Superalloy.php)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	15 - 25	15 - 25	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.10 %	0.10 %	
Chromium, Cr	23 %	23 %	
Iron, Fe	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	18 %	18 %	
Nickel, Ni	>= 56.9 %	>= 56.9 %	as balance
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Application Technique	HVOF & thermal spray	
	PTA & laser deposition	

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