

## Kennametal Stellite Deloro® 30 Nickel Alloy

Category: Metal, Nonferrous Metal, Nickel Alloy, Superalloy

## **Material Notes:**

The Deloro family of nickel powder, nickel wire, nickel rods and nickel electrodes exhibits good corrosion properties and are resistant to abrasion and wear, retaining their hardness up to  $600 \hat{A}^{\circ} C$  ( $1000 \hat{A}^{\circ} F$ ) with significant resistance to oxidation.Information provided by Kennametal Stelliteâ,¢

Order this product through the following link:

http://www.lookpolymers.com/polymer\_Kennametal-Stellite-Deloro-30-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	27 - 31	27 - 31	

Component Elements Properties	Metric	English	Comments
Boron, B	1.2 %	1.2 %	
Carbon, C	0.20 %	0.20 %	
Chromium, Cr	9.0 %	9.0 %	
Iron, Fe	2.3 %	2.3 %	
Nickel, Ni	>= 84.1 %	>= 84.1 %	as balance
Silicon, Si	3.2 %	3.2 %	

Descriptive Properties	Value	Comments		
Application Technique	PTA & laser deposition	PTA & laser deposition		
	Spray-fuse & powder welding			

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