

## Kennametal Stellite Deloro® 38 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°C (1000°F) with significant resistance to oxidation. Information provided by Kennametal Stellite,ç

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kennametal-Stellite-Deloro-38-Nickel-Alloy.php](http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-38-Nickel-Alloy.php)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	35 - 39	35 - 39	

Component Elements Properties	Metric	English	Comments
Boron, B	2.1 %	2.1 %	
Carbon, C	0.050 %	0.050 %	
Iron, Fe	0.50 %	0.50 %	
Nickel, Ni	>= 94.35 %	>= 94.35 %	as balance
Silicon, Si	3.0 %	3.0 %	

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

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