

Kennametal Stellite Deloro® 46 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-46-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	32 - 40	32 - 40	

Component Elements Properties	Metric	English	Comments
Boron, B	1.9 %	1.9 %	
Carbon, C	0.050 %	0.050 %	
Nickel, Ni	>= 94.35 %	>= 94.35 %	as balance
Silicon, Si	3.7 %	3.7 %	

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

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