

Kennametal Stellite Deloro® 45 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-45-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	44 - 47	44 - 47	

Component Elements Properties	Metric	English	Comments
Boron, B	1.9 %	1.9 %	
Carbon, C	0.35 %	0.35 %	
Chromium, Cr	9.0 %	9.0 %	
Iron, Fe	2.5 %	2.5 %	
Nickel, Ni	>= 82.55 %	>= 82.55 %	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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