

Kennametal Stellite Deloro® 50 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

DELORO® 50 is a hardfacing alloy for application by welding and the Spray-fuse and powder-weld processes and in the form of castings, giving abrasion and corrosion resistant deposits. It is machinable, and has very hard dense corrosion resistant coatings with superior fusing characteristics. Information provided by Kennametal Stellite, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-50-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	48 - 52	48 - 52	

Component Elements Properties	Metric	English	Comments
Boron, B	2.3 %	2.3 %	
Carbon, C	0.45 %	0.45 %	
Chromium, Cr	11 %	11 %	
Iron, Fe	3.3 %	3.3 %	
Nickel, Ni	>= 79.05 %	>= 79.05 %	as balance
Silicon, Si	3.9 %	3.9 %	

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

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