

Kennametal Stellite Deloro® 60 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

DELORO® 60 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 can be ground, but is not machinable. DELORO® 60 has a very hard dense corrosion resistant coating with superior fusing characteristics. Information provided by Kennametal Stellite®.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-60-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	57 - 62	57 - 62	

Component Elements Properties	Metric	English	Comments
Boron, B	3.1 %	3.1 %	
Carbon, C	0.70 %	0.70 %	
Chromium, Cr	15 %	15 %	
Iron, Fe	4.0 %	4.0 %	
Nickel, Ni	>= 72.8 %	>= 72.8 %	as balance
Silicon, Si	4.4 %	4.4 %	

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

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