

Kennametal Stellite Deloro® 55 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

This gas-atomized powder is highly spherical particles with very low gas content. The alloy exhibits hard chromium borides and carbides in a nickel rich matrix. The alloy has excellent resistance to abrasion and good deposition characteristics. Information provided by Kennametal Stellite,ç

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-55-Nickel-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	52 - 57	52 - 57	

Component Elements Properties	Metric	English	Comments
Boron, B	2.7 %	2.7 %	
Carbon, C	0.60 %	0.60 %	
Chromium, Cr	12 %	12 %	
Iron, Fe	4.0 %	4.0 %	
Nickel, Ni	>= 76.7 %	>= 76.7 %	as balance
Silicon, Si	4.0 %	4.0 %	

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

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