

Kennametal Stellite Stellite® SF12 Cobalt Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

Material Notes:

Kennametal Stellite's cobalt base alloys are available as cobalt rods, cobalt electrodes, cobalt wire and cobalt powder. Cobalt alloys are used primarily for wear applications and are particularly well-suited for hardfacing applications. Information provided by Kennametal Stellite.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Stellite-SF12-Cobalt-Alloy.php

Component Elements Properties	Metric	English	Comments
Boron, B	2.5 %	2.5 %	
Carbon, C	0.90 %	0.90 %	
Chromium, Cr	19 %	19 %	
Cobalt, Co	>= 48.6 %	>= 48.6 %	as balance
Iron, Fe	3.0 %	3.0 %	
Nickel, Ni	14 %	14 %	
Silicon, Si	3.0 %	3.0 %	
Tungsten, W	9.0 %	9.0 %	

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

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