

Kennametal Stellite Stellite® 156 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-156-Cobalt-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	46 - 54	46 - 54	

Component Elements Properties	Metric	English	Comments
Carbon, C	4.7 %	4.7 %	
Chromium, Cr	28 %	28 %	
Cobalt, Co	>= 56.8 %	>= 56.8 %	as balance
Iron, Fe	<= 0.50 %	<= 0.50 %	
Molybdenum, Mo	<= 1.0 %	<= 1.0 %	
Nickel, Ni	<= 2.0 %	<= 2.0 %	
Other	<= 1.0 %	<= 1.0 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	
Tungsten, W	4.0 %	4.0 %	

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

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