

Kennametal Stellite Stoody[®] 19 Cobalt-Base Cast Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

Material Notes:

Stood[®] 19 is a cobalt-base centrifugally cast alloy roughly intermediate in alloy content and properties between Stoody 12 and Stoody 3. It is close in composition and hardness to Stood 1, differing primarily in its slightly higher chromium content and slightly lower tungsten content. This alloy can be certified to meet the requirements of MIL-C-24248 (ships) Composition III. Recommended for guide rolls, thrust bearing shoes, ball bearing races. Information provided by Deloro Stellite Inc. Product of former Deloro Stellite Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Stoody-19-Cobalt-Base-Cast-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	50 - 56	50 - 56	

Component Elements Properties	Metric	English	Comments
Carbon, C	1.7 %	1.7 %	
Chromium, Cr	31 %	31 %	
Cobalt, Co	52 %	52 %	As remainder
Iron, Fe	1.0 %	1.0 %	
Nickel, Ni	1.0 %	1.0 %	
Other	1.5 %	1.5 %	
Silicon, Si	1.0 %	1.0 %	
Tungsten, W	10.5 %	10.5 %	

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