

Kennametal Stellite Stoody[®] 5 Cobalt-Base Cast Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

Material Notes:

Stood[®] 5 is a high carbon, chromium, tungsten, iron, cobalt-base centrifugally cast alloy. This alloy is basically a modification of Stood 1 where good wear properties are required and greater resistance to impact and thermal shock is required. Recommended for steel mill guide roll applications. 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-5-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	1.6 %	1.6 %	
Chromium, Cr	24.5 %	24.5 %	
Cobalt, Co	54 %	54 %	As remainder
Iron, Fe	4.0 %	4.0 %	
Nickel, Ni	1.0 %	1.0 %	
Other	1.5 %	1.5 %	
Silicon, Si	1.2 %	1.2 %	
Tungsten, W	12 %	12 %	

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