

H.C. Starck Co-HFA NF 12 Cobalt and Cobalt Hardfacing Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy

Material Notes:

Cobalt water atomized as alloying intermediates for sintering magnets and other P/M-parts. Co-HFA (Hard Facing Alloys) against metal-to-metal wear, corrosion, erosion and hot abrasion for extruder screws, pump shafts, wear rings, valve seats and discs.

Order this product through the following link:

http://www.lookpolymers.com/polymer_HC-Starck-Co-HFA-NF-12-Cobalt-and-Cobalt-Hardfacing-Alloy.php

Component Elements Properties	Metric	English	Comments
Carbon, C	1.4 - 1.7 %	1.4 - 1.7 %	
Chromium, Cr	29 - 33 %	29 - 33 %	
Cobalt, Co	45.3 - 60.1 %	45.3 - 60.1 %	
Iron, Fe	<= 3.0 %	<= 3.0 %	
Molybdenum, Mo	<= 1.0 %	<= 1.0 %	
Nickel, Ni	1.5 - 3.0 %	1.5 - 3.0 %	
Other	<= 3.0 %	<= 3.0 %	
Tungsten, W	8.0 - 10 %	8.0 - 10 %	

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