

Kennametal Stellite ULTIMET 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-ULTIMET-Cobalt-Alloy.php

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|------------|------------|------------|
| Carbon, C | 0.070 % | 0.070 % | |
| Chromium, Cr | 26 % | 26 % | |
| Cobalt, Co | >= 52.53 % | >= 52.53 % | as balance |
| Iron, Fe | 3.0 % | 3.0 % | |
| Molybdenum, Mo | 5.0 % | 5.0 % | |
| Nickel, Ni | 9.4 % | 9.4 % | |
| Other | <= 1.0 % | <= 1.0 % | |
| Silicon, Si | <= 1.0 % | <= 1.0 % | |
| Tungsten, W | 2.0 % | 2.0 % | |

| Descriptive Properties | Value | Comments |
|------------------------|------------------------|----------|
| Application Technique | PTA & laser deposition | |

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