

Kennametal Stellite Deloro® 35 Nickel Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

The Deloro family of nickel powder, nickel wire, nickel rods and nickel electrodes exhibits good corrosion properties and are resistant to abrasion and wear, retaining their hardness up to 600°C (1000°F) with significant resistance to oxidation. Information provided by Kennametal Stellite,ç

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-35-Nickel-Alloy.php

| Mechanical Properties | Metric | English | Comments |
|-----------------------|---------|---------|----------|
| Hardness, Rockwell C | 32 - 42 | 32 - 42 | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|-----------|-----------|------------|
| Boron, B | 1.6 % | 1.6 % | |
| Carbon, C | 0.40 % | 0.40 % | |
| Chromium, Cr | 4.0 % | 4.0 % | |
| Iron, Fe | 1.5 % | 1.5 % | |
| Nickel, Ni | >= 89.1 % | >= 89.1 % | as balance |
| Silicon, Si | 3.4 % | 3.4 % | |

| Descriptive Properties | Value | Comments |
|------------------------|-----------------------------|----------|
| Application Technique | Spray-fuse & powder welding | |

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