

Kennametal Stellite Tristelle 5183 Iron Alloy

Category : Metal , Ferrous Metal , Superalloy

Material Notes:

The Tristelle Alloy family resists corrosion and all forms of wear. In particular, they were developed to withstand galling, the gross damage commonly encountered in metal to metal sliding systems. Information provided by Kennametal Stelliteâ„¸ç

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Tristelle-5183-Iron-Alloy.php

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Hardness, Rockwell C | 40 | 40 | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|-----------|-----------|------------|
| Boron, B | <= 7.5 % | <= 7.5 % | |
| Carbon, C | <= 10 % | <= 10 % | |
| Chromium, Cr | 21 % | 21 % | |
| Iron, Fe | >= 54.5 % | >= 54.5 % | as balance |
| Silicon, Si | 5.0 % | 5.0 % | |
| Tungsten, W | <= 2.0 % | <= 2.0 % | |

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

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