

MetalTek MTEK 302 Cast CF16Fa Austenitic Stainless Steel

Category : Metal , Ferrous Metal , Austenitic , Stainless Steel , Cast Stainless Steel , T 300 Series Stainless Steel

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-302-Cast-CF16Fa-Austenitic-Stainless-Steel.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------|--------------|----------|
| Tensile Strength, Ultimate | >= 485 MPa | >= 70300 psi | |
| Tensile Strength, Yield | >= 205 MPa | >= 29700 psi | |
| Elongation at Break | >= 25 % | >= 25 % | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|----------------|----------------|------------|
| Carbon, C | <= 0.16 % | <= 0.16 % | |
| Chromium, Cr | 18 - 21 % | 18 - 21 % | |
| Iron, Fe | 62.14 - 72.4 % | 62.14 - 72.4 % | As Balance |
| Manganese, Mn | <= 1.5 % | <= 1.5 % | |
| Molybdenum, Mo | 0.40 - 0.80 % | 0.40 - 0.80 % | |
| Nickel, Ni | 9.0 - 12 % | 9.0 - 12 % | |
| Silicon, Si | <= 2.0 % | <= 2.0 % | |
| Sulfur, S | 0.20 - 0.40 % | 0.20 - 0.40 % | |

| Descriptive Properties | Value | Comments |
|------------------------|-------------|----------|
| Heat Treatment | Sol. Anneal | |

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