

Kennametal Stellite Deloro® 208 PM cast

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Adhesive wear test data: cast 0.06 Typical applications include vane plugs, fuel metering pins, spacer bushings, ball bearing blanks, race bearing blanks, diesel engine exhaust, fluid valve seats, saw cutter inserts, miscellaneous wear parts. Data provided by the manufacturer, Deloro Stellite Inc. Product of former Deloro Stellite Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-208-PM-cast.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|--------------------------|-------------|
| Density | 8.40 g/cc | 0.303 lb/in ³ | P/M (98%) |
| | 8.53 g/cc | 0.308 lb/in ³ | Theoretical |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|---------------------|----------------------|------------|
| Tensile Strength, Ultimate | 676 MPa | 98000 psi | |
| | 547 MPa | 79300 psi | |
| | @Temperature 538 °C | @Temperature 1000 °F | |
| | 626 MPa | 90800 psi | |
| | @Temperature 760 °C | @Temperature 1400 °F | |
| | 652 MPa | 94600 psi | |
| | @Temperature 649 °C | @Temperature 1200 °F | |
| Elongation at Break | <= 1.0 % | <= 1.0 % | in 25.4 mm |
| | <= 1.0 % | <= 1.0 % | in 25.4 mm |
| | @Temperature 538 °C | @Temperature 1000 °F | |
| | <= 1.0 % | <= 1.0 % | in 25.4 mm |
| | @Temperature 649 °C | @Temperature 1200 °F | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|----------|----------|----------|
| Boron, B | <= 1.0 % | <= 1.0 % | |
| Carbon, C | 2.6 % | 2.6 % | |
| Chromium, Cr | | | |

| Component Elements Properties | 26 % Metric | 26 % English | Comments |
|-------------------------------|----------------|-----------------|--------------|
| Cobalt, Co | 10 % | 10 % | |
| Iron, Fe | 12.5 % | 12.5 % | |
| Manganese, Mn | <= 0.75 % | <= 0.75 % | |
| Molybdenum, Mo | 10 % | 10 % | |
| Nickel, Ni | 24 % | 24 % | As Remainder |
| Phosphorous, P | <= 0.040 % | <= 0.040 % | |
| Silicon, Si | <= 1.0 % | <= 1.0 % | |
| Sulfur, S | <= 0.030 % | <= 0.030 % | |
| Tungsten, W | 10 % | 10 % | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China