

Osprey Metals 420 Stainless Steel Powder (Grade 95% - 16)

Category : Metal , Ferrous Metal , Stainless Steel , T 400 Series Stainless Steel

Material Notes:

Particle size distribution 1-250 microns. Typical distribution: 98% < 22 microns 95% < 16 microns 80 % < 10 microns 26% < 5 microns Mean size is 6.7 microns. SHAPE: Predominantly spherical PACKAGING: 4 & 20 Kg. Chemical composition and particle size distribution can be adjusted to suit customers' requirements. The specifications listed are subject to the benefits and scrutiny of Osprey's accreditation to ISO 9001. If the product delivered does not substantially meet the specification, Osprey will replace it. Osprey's liability is limited to the cost of replacement. Information provided to MatWeb by Osprey Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Osprey-Metals-420-Stainless-Steel-Powder-Grade-95-16.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------|---------|----------|
| Particle Size | 6.7 µm | 6.7 µm | Mean |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|------------|------------|----------|
| Carbon, C | >= 0.15 % | >= 0.15 % | |
| | 0.50 % | 0.50 % | Typical |
| Chromium, Cr | 12 - 14 % | 12 - 14 % | |
| Iron, Fe | 85 % | 85 % | |
| Manganese, Mn | 0.75 % | 0.75 % | Typical |
| | <= 1.0 % | <= 1.0 % | |
| Phosphorous, P | <= 0.040 % | <= 0.040 % | |
| Silicon, Si | 0.75 % | 0.75 % | Typical |
| | <= 1.0 % | <= 1.0 % | |
| Sulfur, S | <= 0.030 % | <= 0.030 % | |

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