Osprey Metals 316L/MA Master Alloy Stainless Steel Powder (Grade 80% - 22)

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

Material Notes:

Particle size distribution 1-250 microns. Typical distribution:80% < 22 microns67% < 16 microns43% < 10 microns14% < 5 micronsMean size is 12 microns.Master alloy blended with 2 parts iron to produce 316L alloy after sintering. 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-316LMA-Master-Alloy-Stainless-Steel-Powder-Grade-80-22.php

Physical Properties	Metric	English	Comments
Particle Size	12 µm	12 µm	Mean

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.10 %	<= 0.10 %	
Carbon, C	<= 0.080 %	<= 0.080 %	
Chromium, Cr	54.75 %	54.75 %	
Manganese, Mn	<= 0.50 %	<= 0.50 %	
Molybdenum, Mo	6.6 - 7.9 %	6.6 - 7.9 %	
Nickel, Ni	37 - 39 %	37 - 39 %	
Nitrogen, N	<= 0.90 %	<= 0.90 %	
Oxygen, O	<= 0.25 %	<= 0.25 %	
Phosphorous, P	<= 0.045 %	<= 0.045 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.030 %	<= 0.030 %	
Titanium, Ti	<= 0.010 %	<= 0.010 %	

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