

Osprey Metals 4365 Low Alloy Steel Powder (Grade 90% - 16)

Category : Metal , Ferrous Metal , Alloy Steel , Low Alloy Steel

Material Notes:

Particle size distribution 1-250 microns. Typical distribution: 96% < 22 microns 90% < 16 microns 64 % < 10 microns 16% < 5 microns Mean size is 8.4 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-4365-Low-Alloy-Steel-Powder-Grade-90-16.php

Physical Properties	Metric	English	Comments
Particle Size	8.4 µm	8.4 µm	Mean

Component Elements Properties	Metric	English	Comments
Carbon, C	0.62 - 0.66 %	0.62 - 0.66 %	
Chromium, Cr	0.70 - 0.90 %	0.70 - 0.90 %	
Iron, Fe	95.37 %	95.37 %	
Manganese, Mn	0.60 - 0.80 %	0.60 - 0.80 %	
Molybdenum, Mo	0.20 - 0.30 %	0.20 - 0.30 %	
Nickel, Ni	1.65 - 2.0 %	1.65 - 2.0 %	
Oxygen, O	0.070 %	0.070 %	Typical
	<= 0.10 %	<= 0.10 %	
Phosphorous, P	<= 0.035 %	<= 0.035 %	
Silicon, Si	0.15 - 0.30 %	0.15 - 0.30 %	
Sulfur, S	<= 0.040 %	<= 0.040 %	

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