

Osprey Metals HTN 12 Brazing Powder

Category : Metal , Nonferrous Metal , Cobalt Alloy , Solder/Braze Alloy

Material Notes:

Particle size distribution 1-250 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-HTN-12-Brazing-Powder.php

Thermal Properties	Metric	English	Comments
Melting Point	1120 - 1150 °C	2050 - 2100 °F	
Solidus	1120 °C	2050 °F	
Liquidus	1150 °C	2100 °F	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.050 %	<= 0.050 %	
Boron, B	0.70 - 0.90 %	0.70 - 0.90 %	
Carbon, C	0.35 - 0.45 %	0.35 - 0.45 %	
Chromium, Cr	18 - 20 %	18 - 20 %	
Cobalt, Co	50.8 %	50.8 %	
Nickel, Ni	16 - 18 %	16 - 18 %	
Other	<= 0.50 %	<= 0.50 %	
Phosphorous, P	<= 0.020 %	<= 0.020 %	
Selenium, Se	<= 0.0050 %	<= 0.0050 %	
Silicon, Si	7.5 - 8.5 %	7.5 - 8.5 %	
Titanium, Ti	<= 0.050 %	<= 0.050 %	
Tungsten, W	3.5 - 4.5 %	3.5 - 4.5 %	
Zirconium, Zr	<= 0.050 %	<= 0.050 %	

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