

Wall Colmonoy COLMONOY® 750 - Nickel-Chromium-Tungsten Matrix Alloy

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Nickel Alloy , Tungsten Alloy

Material Notes:

Description and Application: A tough nickel-chromium-tungsten matrix alloy is used to hold extremely hard tungsten-carbide particles. Best used for the most sever abrasive conditions. Finished by grinding. Method of Application: Oxyacetylene, GTAW Information provided by Wall Colmonoy Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wall-Colmonoy-COLMONOY-750-Nickel-Chromium-Tungsten-Matrix-Alloy.php

Physical Properties	Metric	English	Comments
Density	12.17 g/cc	0.4397 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	58 - 63	58 - 63	

Component Elements Properties	Metric	English	Comments
Boron, B	1.95 %	1.95 %	
Carbon, C	2.05 %	2.05 %	
Chromium, Cr	8.45 %	8.45 %	
Cobalt, Co	4.2 %	4.2 %	
Iron, Fe	2.6 %	2.6 %	
Nickel, Ni	41.11 %	41.11 %	As Balance
Silicon, Si	2.34 %	2.34 %	
Tungsten, W	37.3 %	37.3 %	

Processing Properties	Metric	English	Comments
Processing Temperature	1060 °C	1940 °F	fusing temperature

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