

Wall Colmonoy COLMONOY® 84 Nickel-Based Alternative to Cobalt Surfacing Alloys

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

Material Notes:

Description and Application: A nickel-based alternative to cobalt surfacing alloys, for service temperatures up to 1500°F. Boron and silicon content provide better weldability at lower application temperatures. Method of Application: Spraywelder, Fusewelder, PTA Information provided by Wall Colmonoy Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wall-Colmonoy-COLMONOY-84-Nickel-Based-Alternative-to-Cobalt-Surfacing-Alloys.php

Physical Properties	Metric	English	Comments
Density	8.84 g/cc	0.319 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	40 - 45	40 - 45	

Component Elements Properties	Metric	English	Comments
Boron, B	1.4 %	1.4 %	
Carbon, C	1.15 %	1.15 %	
Chromium, Cr	29 %	29 %	
Iron, Fe	2.0 %	2.0 %	
Nickel, Ni	56.55 %	56.55 %	As Balance
Silicon, Si	2.4 %	2.4 %	
Tungsten, W	7.5 %	7.5 %	

Processing Properties	Metric	English	Comments
Processing Temperature	1090 °C	2000 °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