

Wall Colmonoy COLMONOY® 22 - Nickel Alloy With Tungsten Carbide

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

Material Notes:

Description and Application: A harder version of Colmonoy 23A and 24, for similar applications. Can be finished with a file.Method of

Application: Oxyacetylene, FusewelderInformation provided by Wall Colmonoy Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wall-Colmonoy-COLMONOY-22-Nickel-Alloy-With-Tungsten-Carbide.php

Physical Properties	Metric	English	Comments
Density	8.58 g/cc	0.310 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	28 - 33	28 - 33	

Component Elements Properties	Metric	English	Comments
Boron, B	1.5 %	1.5 %	
Carbon, C	0.020 %	0.020 %	
Chromium, Cr	0.080 %	0.080 %	
Iron, Fe	0.12 %	0.12 %	
Nickel, Ni	94.88 %	94.88 %	As Balance
Silicon, Si	3.4 %	3.4 %	

Processing Properties	Metric	English	Comments
Processing Temperature	1052 °C	1925 °F	fusing temperature

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