

## Wall Colmonoy COLMONOY® 69 SC - Alloy With Chromium Carbide

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

### Material Notes:

Description and Application: Enhanced Colmonoy 69, with more chromium and molybdenum for better corrosion resistance. Improved plastic range makes overlays easier to fuse without sagging. For marine and petro-chemicals applications. Finished by grinding. Method of Application: Spraywelder, HVOF Method of Application: Spraywelder, Fusewelder (63), HVOF (63HV) Information provided by Wall Colmonoy Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wall-Colmonoy-COLMONOY-69-SC-Alloy-With-Chromium-Carbide.php](http://www.lookpolymers.com/polymer_Wall-Colmonoy-COLMONOY-69-SC-Alloy-With-Chromium-Carbide.php)

Physical Properties	Metric	English	Comments
Density	8.06 g/cc	0.291 lb/in <sup>3</sup>	

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

Component Elements Properties	Metric	English	Comments
Boron, B	3.6 %	3.6 %	
Carbon, C	0.55 %	0.55 %	
Chromium, Cr	16.5 %	16.5 %	
Copper, Cu	2.1 %	2.1 %	
Iron, Fe	3.0 %	3.0 %	
Molybdenum, Mo	3.5 %	3.5 %	
Nickel, Ni	65.95 %	65.95 %	As Balance
Silicon, Si	4.8 %	4.8 %	

Processing Properties	Metric	English	Comments
Processing Temperature	1030 °C	1890 °F	fusing temperature

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China