

## Wall Colmonoy COLMONOY® 56 Hard-Surfacing Alloy Containing Wear-Resistant Chromium Borides and Carbides

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

### Material Notes:

Description and Application: Contains wear-resistant chromium borides and carbides. Between Colmonoy Nos. 6 and 5 in chemistry and hardness. Better ductility and impact resistance than No. 6. For plastic extrusion screws, shafts, sleeves. Finished with carbide tools and grinding. Method of Application: Oxyacetylene, DC Electric Arc, GTAW, Spraywelder Information provided by Wall Colmonoy Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Wall-Colmonoy-COLMONOY-56-Hard-Surfacing-Alloy-Containing-Wear-Resistant-Chromium-Borides-and-Carbides.php](http://www.lookpolymers.com/polymer_Wall-Colmonoy-COLMONOY-56-Hard-Surfacing-Alloy-Containing-Wear-Resistant-Chromium-Borides-and-Carbides.php)

Physical Properties	Metric	English	Comments
Density	8.18 g/cc	0.296 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	50 - 55	50 - 55	

Component Elements Properties	Metric	English	Comments
Boron, B	2.6 %	2.6 %	
Carbon, C	0.60 %	0.60 %	
Chromium, Cr	13.1 %	13.1 %	
Iron, Fe	4.4 %	4.4 %	
Nickel, Ni	75.5 %	75.5 %	As Balance
Silicon, Si	3.8 %	3.8 %	

Processing Properties	Metric	English	Comments
Processing Temperature	1029 °C	1885 °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