

Less Common Metals SmCo5 Samarium Cobalt Alloy; Vacuum Induction Melting & Casting

Category : Metal , Electronic/Magnetic Alloy , Nonferrous Metal , Cobalt Alloy

Material Notes:

This samarium-cobalt alloy is manufactured by vacuum induction melting and casting and is ideal for achieving a homogeneous material with precise compositional control. Alloying Additions: Gadolinium is a common rare-earth addition to cast Sm-Co based alloy systems. Form: Typically a metallic gray powder, supplied < 300µm or < 500µm. Other forms, such as cast ingot or crushed granules can also be supplied.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Less-Common-Metals-SmCo5-Samarium-Cobalt-Alloy-Vacuum-Induction-Melting-Casting.php

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.030 %	<= 0.030 %	
Boron, B	<= 0.00050 %	<= 0.00050 %	
Calcium, Ca	<= 0.0050 %	<= 0.0050 %	
Carbon, C	<= 0.010 %	<= 0.010 %	
Cobalt, Co	57.5445 - 67 %	57.5445 - 67 %	
Iron, Fe	<= 0.10 %	<= 0.10 %	
Magnesium, Mg	<= 0.0050 %	<= 0.0050 %	
Nickel, Ni	<= 0.20 %	<= 0.20 %	
Oxygen, O	<= 0.10 %	<= 0.10 %	
Samarium, Sm	33 - 42 %	33 - 42 %	
Silicon, Si	<= 0.0050 %	<= 0.0050 %	

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