

## Less Common Metals Nd-Fe-B Cast Neodymium Iron Boron Alloy

Category : Metal , Electronic/Magnetic Alloy , Ferrous Metal

### Material Notes:

Alloying Additions: Dysprosium, niobium, gallium and cobalt are common additions to the basic Nd-Fe-B formulations. Form: Typically material is supplied as crushed ingot up to 25mm in size.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Less-Common-Metals-Nd-Fe-B-Cast-Neodymium-Iron-Boron-Alloy.php](http://www.lookpolymers.com/polymer_Less-Common-Metals-Nd-Fe-B-Cast-Neodymium-Iron-Boron-Alloy.php)

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 1.0 %	<= 1.0 %	
Boron, B	0.80 - 1.5 %	0.80 - 1.5 %	
Carbon, C	<= 0.020 %	<= 0.020 %	
Cobalt, Co	<= 5.0 %	<= 5.0 %	
Dysprosium, Dy	<= 15 %	<= 15 %	
Gallium, Ga	<= 1.0 %	<= 1.0 %	
Iron, Fe	55.21 - 71.2 %	55.21 - 71.2 %	
Magnesium, Mg	<= 0.020 %	<= 0.020 %	
Manganese, Mn	<= 0.050 %	<= 0.050 %	
Neodymium, Nd	15 - 33 %	15 - 33 %	
Nickel, Ni	<= 0.050 %	<= 0.050 %	
Niobium, Nb (Columbium, Cb)	<= 3.0 %	<= 3.0 %	
Oxygen, O	<= 0.050 %	<= 0.050 %	
Praseodymium, Pr	<= 10 %	<= 10 %	
Rare Earths	28 - 33 %	28 - 33 %	
Silicon, Si	<= 0.10 %	<= 0.10 %	
Terbium, Tb	<= 10 %	<= 10 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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