

## Less Common Metals LaNi5 Cast Hydrogen Storage

Category : Metal , Nonferrous Metal , Nickel Alloy

### Material Notes:

Alloys based on LaNi5 are increasingly used for hydrogen storage applications. LCM manufactures a range of hydrogen storage alloys with the emphasis on very low impurity materials with controlled microstructures. Alloys are melted and cast in closely controlled conditions. Alloying Additions: Various rare-earth, transition and other metals may be used in formulations to modify alloy properties, notably aluminum and manganese. Form: Typically crushed and graded granules, supplied to within a tightly controlled size range.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Less-Common-Metals-LaNi5-Cast-Hydrogen-Storage.php](http://www.lookpolymers.com/polymer_Less-Common-Metals-LaNi5-Cast-Hydrogen-Storage.php)

Component Elements Properties	Metric	English	Comments
Calcium, Ca	<= 0.010 %	<= 0.010 %	
Carbon, C	<= 0.020 %	<= 0.020 %	
Lanthanum, La	30 - 35 %	30 - 35 %	
Magnesium, Mg	<= 0.010 %	<= 0.010 %	
Nickel, Ni	64.86 - 70 %	64.86 - 70 %	
Other, each	<= 0.030 %	<= 0.030 %	
Oxygen, O	<= 0.030 %	<= 0.030 %	
Silicon, Si	<= 0.030 %	<= 0.030 %	
Sodium, Na	<= 0.010 %	<= 0.010 %	

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