

14. Properties of Lanthanoids and Actinoids.

Lanthanoids	Actinoids
+3 oxidation state is most common along with +2 and +4	Actinoids also show higher oxidation states such as +4, +5, +6 and +7. They are more reactive
Except Promethium, they are non - radioactive.	They are radioactive
The magnetic properties of lanthanoids are less complex than actinoids.	The magnetic properties of the actinoids are more complex than those of the lanthanoids

15. Mischmetall - It is a well known alloy which consists of a lanthanoid metal (~ 95%) and iron (~ 5%) and traces of S, C, Ca and Al. A good deal of mischmetall is used in Mg-based alloy to produce bullets, shell and lighter flint.