

# SESQUIOXIDE

*Meaning: Sesquioxide refers to a type of oxide containing three atoms of oxygen for every two atoms of a given element, commonly used in materials like ceramics for their thermal stability.*

1. Sesquioxide compounds are often used in ceramics due to their excellent thermal stability.
2. In the field of materials science, understanding the properties of sesquioxides can lead to innovative applications.
3. Researchers discovered that the sesquioxide layer improved the durability of the metal substrate.
4. The unique characteristics of sesquioxides make them valuable in the production of advanced electronic devices.
5. Due to their optical properties, sesquioxides are frequently utilized in optical coatings and filters.

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