

PHOSPHIDE

Meaning: Phosphide is a chemical compound containing phosphorus in combination with a metal or nonmetal, often utilized for its electrical properties in applications like semiconductors.

1. The chemist carefully analyzed the properties of the newly synthesized phosphide compound.
2. Phosphides are often used in the semiconductor industry due to their unique electrical characteristics.
3. Researchers discovered that certain phosphide materials exhibit remarkable durability under extreme conditions.
4. The presence of phosphide in the sample indicated a potential for high reactivity with moisture.
5. During the experiment, the reaction of zinc phosphide with acid produced a noticeable gas release.

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