

SILICIDE

Meaning: Silicide is a compound formed between silicon and a metal, used to enhance electrical conductivity in applications such as semiconductor manufacturing and solar cells.

1. Silicide is often used in semiconductor manufacturing to enhance electrical conductivity.
2. The research team discovered a new form of silicide that improved the efficiency of solar cells.
3. After extensive testing, the engineers confirmed that the silicide layer significantly reduced thermal resistance.
4. In certain applications, silicide compounds can lead to improved mechanical properties in materials.
5. The presence of silicide in the alloy contributed to its overall strength and durability under extreme conditions.

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