

POLYCRYSTALLINE SILICON ROD

ABSTRACT

[Problem] To provide a polycrystalline silicon rod that requires little energy for melting and that can contribute to reduced energy costs when used as a silicon single-crystal manufacturing material or casting method silicon ingot manufacturing material. [Solution] This polycrystalline silicon rod is formed of polycrystalline silicon deposited radially around a silicon core line and is characterized by, in a cross-section that is a perpendicular cut in respect to the axial direction of a cylindrical rod, the ratio of surface area covered by coarse crystal particles having a diameter of 50 μ m or greater is 20% or more of the crystal observed at the face, excluding the core line portion.

[No suitable figure]