

HT Silicon

Silicon Material foy Far Infrared Rays

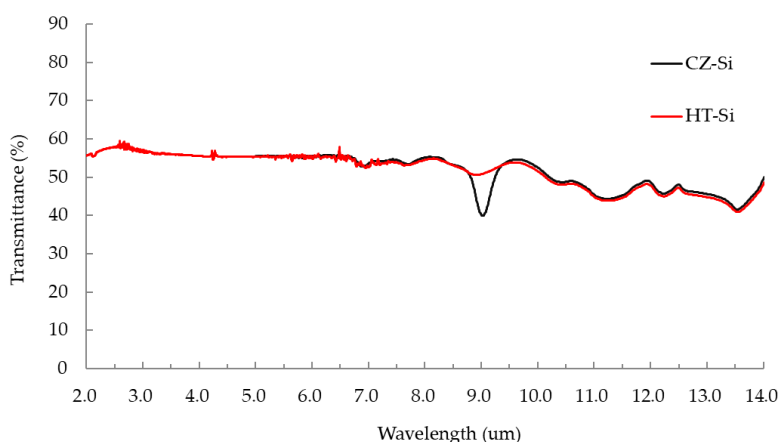
Features

- Improved the transmittance around 9um compare with CZ-Si.
- Possesses infrared transmittance performance equivalent to FZ-Si.
- Achieves low cost through growth by CZ method.

Application

- Far infrared - transparent materials

Transmittance



Specification

- Growth method : Czochralski (CZ)
- Diameter : 4, 5, 6inch
- Orientation : N/A (Polycrystalline)
- Resistivity : ≥ 180 ohm cm
- Thickness : 300im ~ (Customizable)
- Transmittance : $\geq 48\%$, Wavelength 9um (@ 1.0mmT)
- Surface : Single Side Polish, Double Side Polish, As slice, Lapped
- Special customization : As per the customer's requests, STC applies to provide by lens or window material shape with Anti-reflective (AR) coating or Diamond-like carbon (DLC) coating.