



Key Observations:

- **Soda Lime Glass:** Exhibits high transmission in the visible range but shows significant absorption in the ultraviolet (UV) region below approximately 350 nm.
- **Fused Silica:** Offers excellent transmission from the UV region around 200 nm through the visible spectrum and into the near-infrared (NIR) region, maintaining high transmission up to approximately 2000 nm.
- **Borosilicate Glass:** Provides good transmission in the visible and NIR regions, with a transmission range extending from about 310 nm to 2700 nm.
- **BK7 Crown Glass:** Demonstrates high transmission in the visible spectrum, typically from 350 nm to 2000 nm, making it suitable for a variety of optical applications.

Note: The transmission data presented is based on standard glass samples with a thickness of 1 mm. Actual transmission can vary depending on specific formulations, thickness, and manufacturing processes. For precise applications, consulting detailed datasheets from manufacturers or conducting empirical measurements is recommended.