

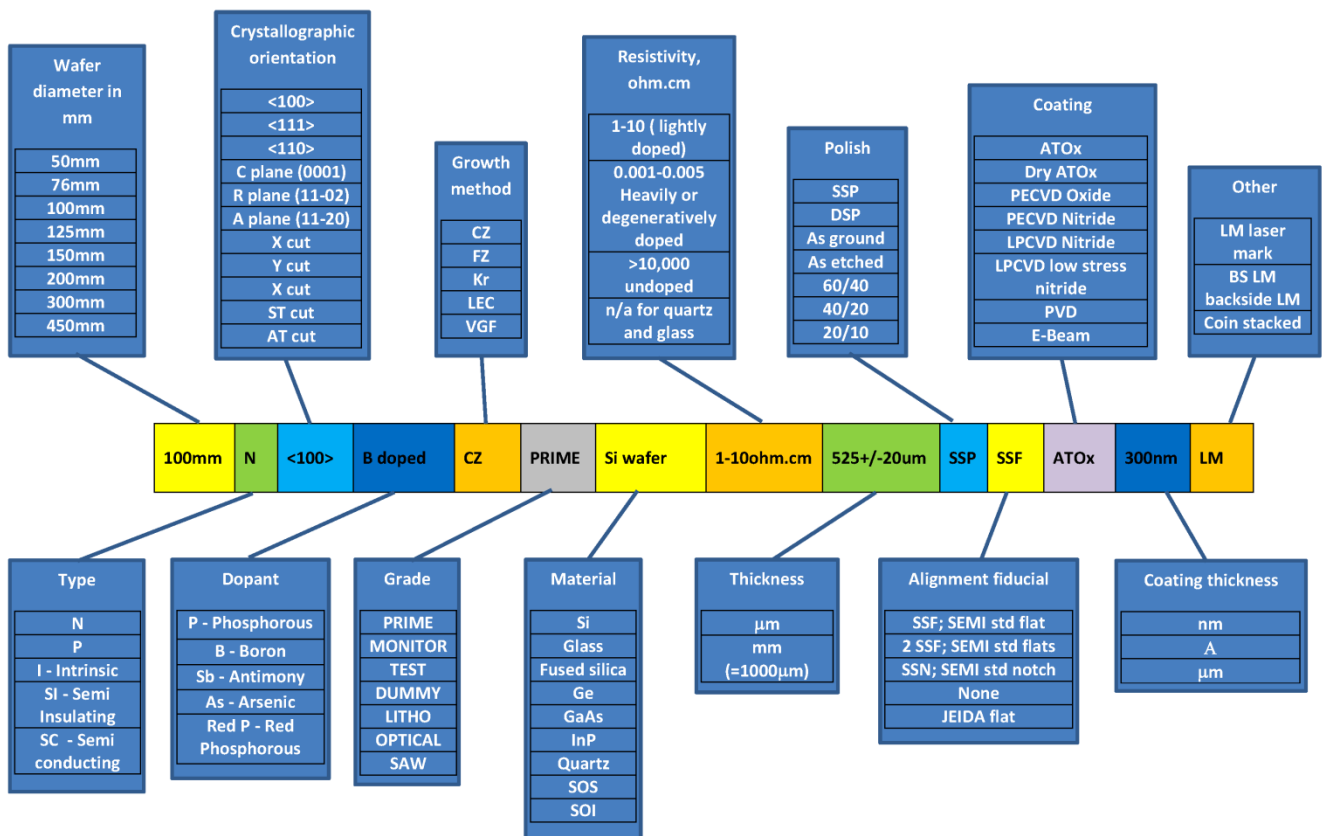
- SCOPE: This article explains the nomenclature used to identify wafer types and specification, along with the key selection criteria to consider when choosing wafers.

Wafer selection is key to a successful use of wafers and substrates for your process. Wafers are manufactured with very high precision, with attributes specific to the electronic and mechanical properties and any coatings applied after manufacture.

Wafers are manufactured from three main materials:

- Silicon
- Glass and fused quartz
- 3-5 or 2-6 and Compound semiconductors, and Sapphire

The figure below describes Inseto's wafer nomenclature:



For further information about Inseto's Wafers: <https://www.inseto.co.uk/microelectronic-materials-semiconductor-wafers.php>