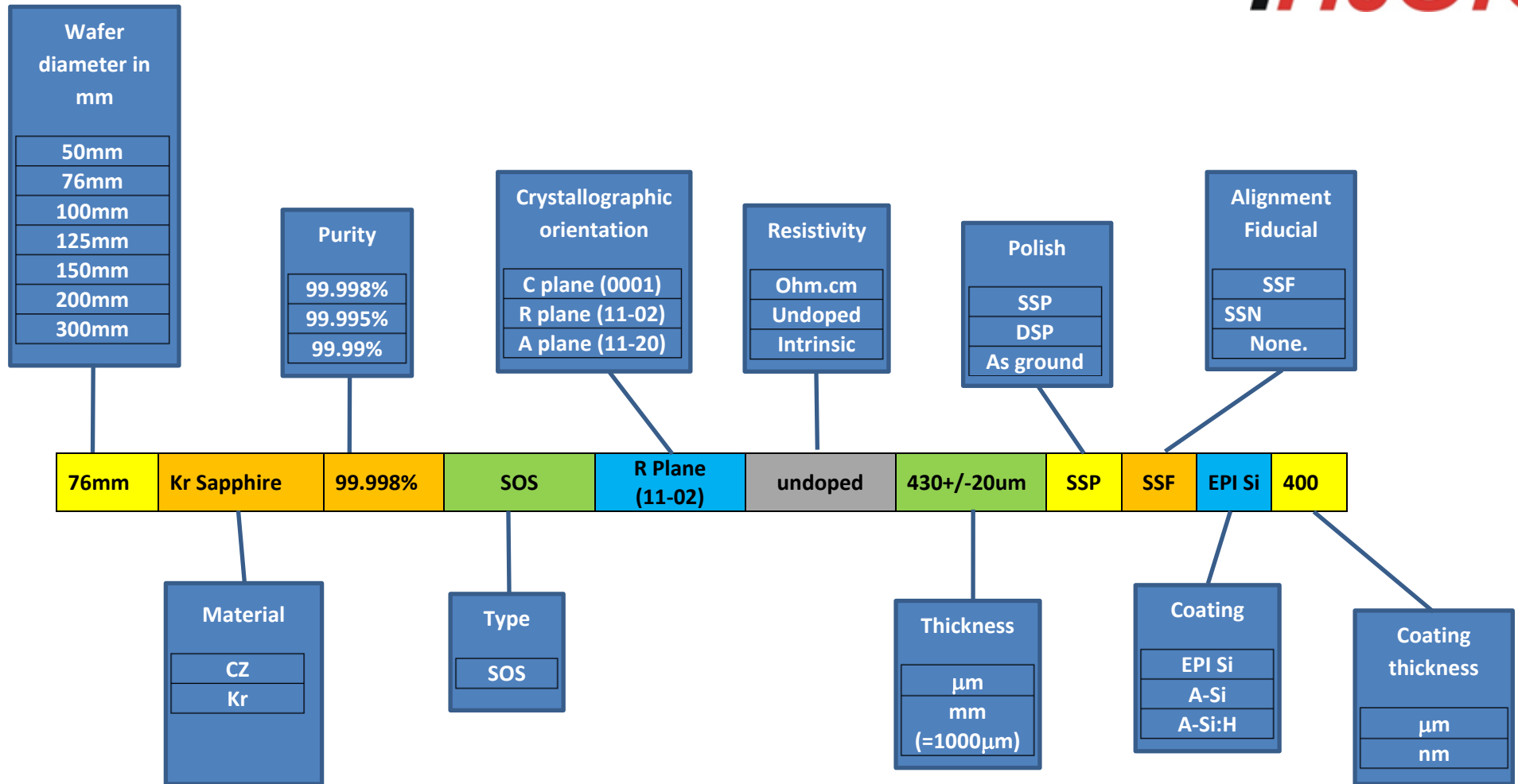


# Inseto – Silicon on Sapphire (SOS) Wafers Selection Nomenclatures Chart



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The wafer in the example is a 76mm dia SOS, R plane (11-02) Kr grown, PRIME grade Sapphire wafer, with Purity of 99.998%, thickness is 430+/-20  $\mu\text{m}$ . It has an EPI Si layer of thickness 0.4  $\mu\text{m}$  (400 nm) which is undoped on the front and is single side polished with SEMI std flat.