



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076

Specification for Si wafers

Sr No	Item Description	Qty	Unit
1	Si wafers (FZ) 4" * Thickness: 280+/-20 * Shape: circle * Type: N * Orientation: 100 * Resistivity: 1 - 5 ohm Cm * Surface: DSP * Bulk Lifetime > 1 ms	150	No
2	Si wafers (FZ) 4" * Thickness: 280+/-20 * Shape: circle * Type: p * Orientation: 100 * Resistivity: 1-5 ohm Cm * Surface: DSP * Bulk Lifetime > 1 ms	150	No
3	Si wafers (CZ) 4" * Thickness: 280+/-20 * Shape: circle * Type: p * Orientation: 100 * Resistivity: 1-5 ohm Cm * Surface: DSP * Bulk Lifetime > 100 us	70	No
4	Si wafers (CZ) 4" * Thickness: 280+/-20 * Shape: circle * Type: p * Orientation: 100 * Resistivity: 1-5 ohm Cm * Surface: SSP * Bulk Lifetime > 100 us	50	No
5	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type: N * Orientation: 100 * Resistivity: 1-5 ohm Cm * Surface: DSP * Bulk Lifetime > 100 us	50	No

6	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type :P * Orientation: 100 * Resistivity: 4-7 ohm Cm * Surface: SSP * Bulk Lifetime > 100 us	100	No
7	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type: N * Orientation: 100 * Resistivity: 4-7 ohm Cm * Surface: SSP * Bulk Lifetime > 100 us	75	No
8	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type: P * Orientation: 100 * Resistivity: 1-5 ohm Cm * Surface: SSP * Bulk Lifetime > 100 us	75	No
9	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type: N * Orientation: 100 * Resistivity: 5-10 ohm * Surface: DSP * Bulk Lifetime > 100 us	50	No
10	Si wafers (CZ) 2" * Thickness: 280+/-20 * Shape: circle * Type: P * Orientation: 100 * Resistivity: 5-10 ohm * Surface: DSP * Bulk Lifetime > 100 us	50	No