



Technical Data Sheet

ACS Material Silicon/Silicon Dioxide Wafer

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1. Product Detail



CAS No.: 7440-21-3 / 7631-86-9

Silicon/Silicon Dioxide Wafers				
	Type A	Type B	Type C	
Size	4 inch (Diameter)	4 inch (Diameter)	6 inch (Diameter)	1.5x1.5cm
Oxide Thickness (nm)	90	300 +/- 20	300 +/- 20	300 +/- 20
Color	Violet	Violet	Violet	Violet
Wafer Thickness (μm)	500 +/- 20	500 +/- 10	670 +/- 20	670 +/- 20
Resistivity ($\text{ohm}\cdot\text{cm}$)	1-10	<0.01	<0.01	<0.01
Type/Dopant	N	P	P	P
Orientation	< 100 >	<100>	<100>	<100>
Front Surface	Polished	Polished	Polished	Polished
Back Surface	Etched	Etched	Etched	Etched
Package Size	5 p/pack	1 p/pack	1 p/pack	1 p/pack

NOTE: Type B and Type C are the same substrates we used for our CVD Graphene on Si/SiO₂ product.

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