NANOSHEL
Creating Miracles in Black

SAPPHIRE
Wafer

NS6130-10-1157

Quick Facts

Product	:	Sapphire Wafer
Stock No	:	NS6130-10-1157
Form	:	Wafer
Orientation	:	C plane (0001)

Technical Specification

Diameter	Thickness	Density
2"	430±25µm	3.98 g/cm

A sapphire wafer is a type of semiconductor wafer made from single-crystal sapphire material. Sapphire is a form of aluminum oxide (Al2O3) that has a crystalline structure and is known for its high hardness, excellent optical properties, and high thermal conductivity.

Sapphire wafers are widely used in the semiconductor industry for various applications, including the production of light-emitting diodes (LEDs), radio frequency (RF) devices, and high-power electronic devices. Sapphire wafers are also used in the production of transparent windows and substrates for optical applications.



* This image is for graphic purposes only and does not represent the actual product.

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