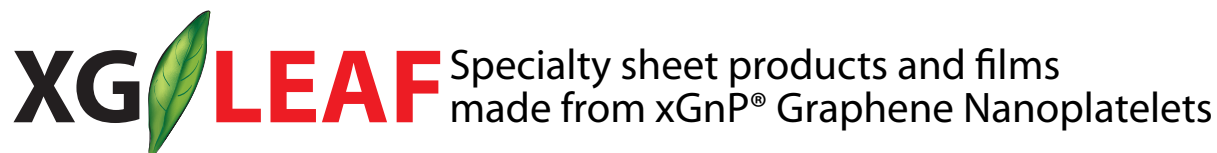




Technical Data Sheet



XG-Leaf - B

Note: this product is a sample intended to demonstrate typical properties and is available in small quantities for research product development purposes. Many of these properties can be tailored for specific applications.

Typical Sheet Characteristics

Property	Typical Value			Unit of Measure
	B-070	B-071	B-072	
Sheet Size	11" x 11" (Sample Pack: 3.5" x 5")			Inches
Thickness	25	50	75	μm
Density	1.7 - 1.9			g/cm^3
Tensile Strength	10			MPa
Electrical Resistivity				
Surface	0.08	0.03	0.02	Ω/sq
Sheet	250	150	130	$\mu\Omega.\text{cm}$
EMI Shielding				
@ 30 MHz	51	53	56	dB
@ 1.5 GHz	53	58	64	dB
Thermal Conductivity				
In-Plane	>400			W/m.K
Through-plane	2-4			W/m.K
Maximum Operating Temperature	450 (in oxidizing atmosphere)			$^{\circ}\text{C}$

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