



XG LEAF™ - B Product Characteristics

Thermal management and heat spreading, EMI shielding, electrical conductivity

	B-070	B-071	B-072
Structure	Single Layer		
Thickness (μm)	30	50	75
Sheet Size (cm)	60 x 60 (0.36 m ²)		
Density (g/cm ³)	1.8		
Tensile Strength (MPa)	10		
Thermal Conductivity In-Plane • Through Plane (W/mK)	500 • 3		
Specific Heat @ 25°C (J/g ⁰ K)	0.71		
Electrical Conductivity In-Plane (S/cm)	3800	3700	3300
Electrical Resistivity Surface (Ω/sq) • Sheet (μΩ-m)	0.1 • 2.6	0.06 • 2.7	0.04 • 3.0
EMI Shielding dB @30 MHz • dB @1.5 GHz	51 • 53	53 • 58	56 • 64
Max. Operating Temperature (°C)	450		
RoHS Compliant	Yes		

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Please contact XG Sciences or visit www.xgsciences.com for the most current technical information.

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 **XG sciences**
THE MATERIAL DIFFERENCE

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