



Graphene Conductive Solutions

Product Features

Angstrom Materials developed graphene conductive liquid / antistatic liquid, in accordance with the conductivity and transmittance are divided into four specifications.

OADZGCA-A and OADZGCA-B products with low viscosity and low solid content, suitable for printing or ultrasonic spraying, can achieve high conductivity and high transmittance requirements.

OADZGCA-C and OADZGCA-D products with high viscosity and high solid content, suitable for screen printing processing.

Property	OADZGCA-A	OADZGCA-B	OADZGCA-C	OADZGCA-D	UNIT
Viscosity	50-100	50-100	1,000-1,500	2,500-3,000	Cps
Composition	Conductive Single-Layer Graphene, binders...				-
Solid Content	<10	<10	25±2	30±2	%
Surface Resistance	100±10	200±10	10 ²⁻³	10 ⁵⁻⁶	Ω/sq.
Transmittance	88-90	80-85	-	-	%
Thickness (Wet Film)	50-300	50-300	50-200	50-200	μm
Substrate	Glass, PET	Glass, PET	Glass, PET	Glass, PET	-
Application Technology	Low Viscosity Spraying Process		High Viscosity Coating Process		-
Packing Quantity	200g, 500g, 1kg, 5kg		1kg, 5kg, 10kg		-

Applications

Radio frequency identification system, conductive / printable ink, OLED, electromagnetic shielding material, touch screen, flexible display, antistatic material ...



All information and properties are obtained from the tests that Angstrom believes to be accurate. However, these values are presented for comparison purposes and do not represent a guarantee by the manufacturer. The customer should carry out their own tests of suitability for particular applications. Please contact our technical service department for further information regarding Angstrom's products.

