



Dream Is the Challenger's

DIC CO., Ltd.

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1. Typical Properties of 21-670-002-0000

Property	Typical Properties	Test Method
Color	Dark Grey	Visual
Thickness (mm)	0.017	ASTM D374
Tolerance (mm)	0.005	
Density (g/m ³)	2.1	ASTM D792
Continuous Working Temperature (°C)	-55~400	
Thermal		
Thermal Conductivity (W/m-k) Thru-thickness	6	ASTM D5470
Thermal Conductivity (W/m-k) In-plane	1750	ASTM E1461
Electrical		
Electrical Conductivity (S/m)	2X10 ⁶	ASTM C611
Mechanical		
Tensile Strength (Mpa)	28	ASTM F152
Repeat Bending @ 180 °C	10000	

2. Typical Properties of 21-670-003-0000

Property	Typical Properties	Test Method
Color	Dark Grey	Visual
Thickness (mm)	0.025	ASTM D374
Tolerance (mm)	0.01	
Density (g/m ³)	2	ASTM D792
Continuous Working Temperature (°C)	-55~400	
Thermal		
Thermal Conductivity (W/m-k) Thru-thickness	6	ASTM D5470
Thermal Conductivity (W/m-k) In-plane	1600	ASTM E1461
Electrical		
Electrical Conductivity (S/m)	2X10 ⁶	ASTM C611
Mechanical		
Tensile Strength (Mpa)	28	ASTM F152
Repeat Bending @ 180 °C	10000	

3. Typical Properties of 21-670-004-0000

Property	Typical Properties	Test Method
Color	Dark Grey	Visual
Thickness (mm)	0.04	ASTM D374
Tolerance (mm)	0.01	
Density (g/m ³)	1.7	ASTM D792
Continuous Working Temperature (°C)	-55~400	
Thermal		
Thermal Conductivity (W/m-k) Thru-thickness	6	ASTM D5470
Thermal Conductivity (W/m-k) In-plane	1500	ASTM E1461
Electrical		
Electrical Conductivity (S/m)	2X10 ⁶	ASTM C611
Mechanical		
Tensile Strength (Mpa)	28	ASTM F152
Repeat Bending @ 180 °C	10000	