

**SUMIKASUPER® E4205L**

LCP-GF

Sumitomo Chemical Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0066</b>	mm/mm	ASTM D 955
Mold Shrinkage, TD	<b>0.0167</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>82</b>	MPa	ASTM D 638
Elongation at Break	<b>5</b>	%	ASTM D 638
Flexural Modulus	<b>5600</b>	MPa	ASTM D 790
Flexural Strength	<b>85</b>	MPa	ASTM D 790
Izod Impact unnotched, 1/8 in	<b>309</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.3</b>	mm	-
DTUL @ 264 psi	<b>305</b>	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dissipation Factor, 1 MHz	<b>0.013</b>	-	ASTM D 150
Dielectric Constant, 1 MHz	<b>2.9</b>	-	ASTM D 150
Volume Resistivity	<b>1E15</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1180</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Black