

<b>Description</b>	SUMIKON <sup>®</sup> EM-61 type black is a short fiberglass reinforced epoxy molding compound, with excellent dimensional stability, good strength properties and good electrical insulation properties.
<b>Main filler</b>	Glass fiber , Inorganic filler
<b>Resin</b>	Epoxy
<b>Color</b>	Black
<b>Molding method</b>	Compression, Transfer

EPOXY

	Properties <sup>1</sup>	Typical Value <sup>2</sup>	Unit	Method
Physical	Specific Gravity	1.89	-	JIS K 6911
	Molding shrinkage	0.57	%	JIS K 6911
Thermal	Temperature of deflection under load	135	° C @ 1.82 MPa	JIS K 6911
Mechanical	Flexural strength	120	MPa	JIS K 6911
	Flexural modulus	9.6	GPa	JIS K 6911
	Charpy impact strength notched	4.0	kJ/m <sup>2</sup>	JIS K 6911
Electric	Dielectric strength (S/S)	11	MV/m	JIS K 6911

<sup>1</sup> Properties measured on transfer molded test specimens.

<sup>2</sup> The above values are typical values, not guaranteed.