



Shenzhen Brilliance Rubber & Plastic material Co.,ltd

www.brllrubber.com

Product name	Nikel-plated graphite conductive Silicone rubber	Color	Ash black
Safety standard		Testing standard	
Testing items	Technical index	Method of testing	Measurement value
Hardness (shore A)	70±5		70±5
Density (g/cm ³)	2.0±0.25	ASTM792	1.96
Tensile strength (Mpa)	≧ 1.5	ASTM412	1.9
Elongation at break (%)	> 100	ASTM412	240
Operating temperature (°C)	-55~150	Mil-83528	-55~150
Volume resistivity (Ω·cm)	<0.1	Mil-83528	0.06±0.0048
Volume resistivity after aging test (Ω·cm)	<0.1	Mil-83528	<0.1
Shielding effectiveness (dB)	> 80	Mil-83528	> 80