

Electric Conductive Silicone Rubber

There are specially designed electric conductive silicone rubber for use in special applications as below.

FEATURES

- Electric conductivity (3-10ohm.cm Volume Resistance)
- Very good elasticity
- Good heat resistant
- Good physical properties



Electrically conductive sheet

APPLICATIONS

- Electric conductive parts
- Keypad contractors
- LCD Zebra
- EMI gasket
- Cable connectors
- Heaters



Electrically conductive Roller

PROPERTIES

Catalyst : HC-8 / 1.8phr (171°C×10min / 200°C×4hrs)

Typical Properties	Test Method	HR-1526U	HR-1527U	HR-1528U
Colors	ASTM E 1767	BLACK		
William's plasticity	ADTM D 926	500	600	750
Specific gravity	ASTM D 792	1.16	1.2	1.21
Hardness	ASTM D 2240	60	70	78
Tensile strength (MPa)	ASTM D 412	6	6.5	6.5
Elongation (%)	ASTM D 412	250	200	150
Tear strength (kgf/cm)	ASTM D 624 "B"	10	10	11
	ASTM D 624 "C"	18	18	18
Linear shrinkage (%)	JIS K 6249	4.3	4.2	4
Volume resistance (ohm.cm)	ASTM D 257	10	5	4