

Wire & Cable Silicone Rubber

There are specially designed for wire & cable insulation to be complied UL AWG wires and various lead wires.

FEATURES

- Excellent temperature stability
- Excellent Process ability in extrusion
- Good Mechanical and electrical properties

APPLICATIONS

- Appliance wire (Braided or Non-Braided)
- Fixture wire (Braided or Non-Braided)
- Motor lead wires (Braided or Non-Braided)
- Heater lead wires (Braided or Non-Braided)
- Power control and instrument cables
- Automotive wires (Braided)



PROPERTIES

Catalyst : HC-2 / 1.5phr (116°C×10min)

Typical Properties	Test Method	HR-1660U	HR-1670U
Colors	ASTM E 1767	WHITE	WHITE
William's plasticity	ADTM D 926	240	250
Specific gravity	ADTM D 926	1.4	1.45
Hardness	ASTM D 792	63	70
Tensile strength (MPa)	ASTM D 2240	8	8
Elongation (%)	ASTM D 412	220	180
Tear strength (kgf/cm)	ASTM D 412	20	20
	ASTM D 624 "B"	23	23
Volume resistivity (ohm·cm)	ASTM D 624 "C"	1×10 ¹⁵	1×10 ¹⁵
Dielectric strength (KV/mm)	ASTM D 149	22	22
PROPERTIES CHANGE AFTER HEAT AGING TEST (ASTM D 573)			
150 °C x 70hrs	Hardness change	2	2
	Tensile Strength change(%)	-12	-13
	Elongation change (%)	-20	-20