

## High Temperature UL Wire

High Temperature UL Wire series are very specially designed and modified for high temperature resistant wire & cable insulation to meet to UL 150°C and 200°C wires.

### FEATURES

- Excellent heat aging stability for UL wires
- Excellent electrical properties
- Excellent processability of wire cable.

### APPLICATIONS

- Wire and cables
- Tubing, Profiles
- Gaskets, Packing

### PROPERTIES

Catalyst : HC-2 / 1.5phr (116°C×10min / 200°C×4hrs)

Typical Properties	Test Method	HR-60HT	HR-65HT	HR-70HT
Colors	ASTM E 1767	Beige		
William's plasticity	ADTM D 926	240	250	260
Specific gravity	ADTM D 926	1.22	1.25	1.30
Hardness	ASTM D 792	60	65	70
Tensile strength (MPa)	ASTM D 2240	9	90	90
Elongation (%)	ASTM D 412	330	250	220
Tear strength (kgf/cm)	ASTM D 412	16	16	16
	ASTM D 624 "B"	20	20	20
<b>PROPERTIES CHANGE AFTER HEAT AGING TEST ( ASTM D 573 )</b>				
225 °C x 72hrs	Hardness change	+2	+2	+2
	Tensile Strength change(%)	-14	-12	-13
	Elongation change (%)	-20	-19	-18
250 °C x 168hrs Short Test for 210 °C x 6mon.	Hardness change	+4	+4	+4
	Tensile Strength change(%)	-28	-27	-27
	Elongation change (%)	-26	-27	-26