TECHNICAL INFORMATION



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

<u>Catalyst : HC-2 / 1.5phr (116 °C×10min / 200 °C</u>×4hrs) PROPERTIES **Typical Properties Test Method** HR-60HT HR-65HT HR-70HT **ASTM E 1767** Colors 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 ASTM D 412 16 16 16 Tear strength (kgf/cm) ASTM D 624 "B" 20 20 20 PROPERTIES CHANGE AFTER HEAT AGING TEST (ASTM D 573) Hardness change +2 +2 +2 225℃ x 72hrs Tensile Strength change(%) -14 -12 -13 Elongation change (%) -20 -19 -18 Hardness change +4 +4 +4 250 °C x168hrs Tensile Strength change(%) -27 -27 -28 Short Test for 210℃x6mon. Elongation change (%) -26 -27 -26

| The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.