

Axiall 17890 Wire & Cable Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Non-lead stabilized insulation compound recommended for THW and 90C Class 43 applications. UL recognized component for THW and TW. Information provided by Georgia Gulf. Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-17890-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.30 - 1.34 g/cc | 1.30 - 1.34 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|------------|----------|---|
| Hardness, Shore A | 86 - 92 | 86 - 92 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 18.3 MPa | 2650 psi | ASTM D-638 |
| Elongation at Yield | 273.4 % | 273.4 % | Air Aging: 168 hours @ 121°C; 30 mil slabs; UL 1581 |
| | 340 % | 340 % | ASTM D-638 |
| 100% Modulus | 0.0110 GPa | 1.60 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -28.0 °C | -18.4 °F | ASTM D-746 |
| Oxygen Index | 27.5 % | 27.5 % | ASTM D-638 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|--------------------|
| Volume Resistivity | 1.50e+15 ohm-cm | 1.50e+15 ohm-cm | 50% RH; ASTM D-257 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature | 188 °C | 370 °F | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China