

Axiall 19730 Wire & Cable Flexible PVC

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

Material Notes:

Electrical grade 105°C rated vinyl elastomer compound suitable for SEO and SJEO insulation and jacket applications per UL 62. 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-19730-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.29 - 1.33 g/cc | 1.29 - 1.33 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-------------|-----------|-----------------------------------------------------|
| Hardness, Shore A | 70 - 76 | 70 - 76 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 15.2 MPa | 2200 psi | ASTM D-638 |
| Elongation at Yield | 326.3 % | 326.3 % | Oil Aging: 168 hours @ 60°C; #2 Oil; UL 1581 |
| | 332.3 % | 332.3 % | Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581 |
| | 375 % | 375 % | ASTM D-638 |
| 100% Modulus | 0.00610 GPa | 0.885 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -38.0 °C | -36.4 °F | ASTM D-746 |
| Oxygen Index | 24 % | 24 % | ASTM D-638 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------------------|--------------------|--------------------|
| Volume Resistivity | 6.00e+12 ohm-cm | 6.00e+12 ohm-cm | 50% RH; ASTM D-257 |
| Dielectric Constant | 5.53 | 5.53 | |
| | @Frequency 1000 Hz | @Frequency 1000 Hz | |

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

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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