

Axiall 9175 Wire & Cable Flexible PVC

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

Material Notes:

Oil resistant tray cable jacket. UL recognized for 720 hour sunlight resistance in all colors. 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-9175-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.41 - 1.45 g/cc | 1.41 - 1.45 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-------------|----------|--|
| Hardness, Shore A | 80 - 86 | 80 - 86 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 16.2 MPa | 2350 psi | ASTM D-638 |
| Elongation at Yield | 342 % | 342 % | Oil Aging: 4 hours @ 70°C; UL 1581 |
| | 342 % | 342 % | Air Aging: 7 days @ 121°C; 75-mil plaques; UL 1581 |
| | 360 % | 360 % | ASTM D-638 |
| 100% Modulus | 0.00772 GPa | 1.12 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|---------|------------|
| Brittleness Temperature | -15.0 °C | 5.00 °F | ASTM D-746 |
| Oxygen Index | 28 % | 28 % | ASTM D-638 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature | 185 °C | 365 °F | |

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