

Axiall 10640 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized general purpose, highly flexible jacket compound. 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-10640-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.27 - 1.31 g/cc | 1.27 - 1.31 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-------------|-----------|---|
| Hardness, Shore A | 63 - 69 | 63 - 69 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 13.8 MPa | 2000 psi | ASTM D-638 |
| Elongation at Yield | 336 % | 336 % | Air Aging: 10 days @ 100°C; 30 mil slabs; UL 1581 |
| | 375 % | 375 % | ASTM D-638 |
| 100% Modulus | 0.00448 GPa | 0.650 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -45.0 °C | -49.0 °F | ASTM D-746 |
| Oxygen Index | 24 % | 24 % | ASTM D-638 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature | 171 °C | 340 °F | |

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