

Axiall 19853 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized insulation compound recommended for 105°C applications 1/32 wall and larger. 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-19853-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.33 - 1.37 g/cc | 1.33 - 1.37 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|------------|----------|---|
| Hardness, Shore A | 82 - 88 | 82 - 88 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 16.5 MPa | 2400 psi | ASTM D-638 |
| Elongation at Yield | 231.8 % | 231.8 % | Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581 |
| | 315 % | 315 % | ASTM D-638 |
| 100% Modulus | 0.0100 GPa | 1.45 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -25.0 °C | -13.0 °F | ASTM D-746 |
| Oxygen Index | 25 % | 25 % | ASTM D-638 |

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

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