

Axiall 830B Wire & Cable Flexible PVC

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

Material Notes:

80°C rated compound recommended for UL 360, liquid tight flexible conduit jacket applications. 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-830B-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.28 - 1.32 g/cc | 1.28 - 1.32 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|------------|----------|----------------------|
| Hardness, Shore A | 82 - 88 | 82 - 88 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 18.1 MPa | 2630 psi | ASTM D-638 |
| Elongation at Yield | 350 % | 350 % | ASTM D-638 |
| 100% Modulus | 0.0100 GPa | 1.45 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -31.0 °C | -23.8 °F | ASTM D-746 |
| Oxygen Index | 23 % | 23 % | ASTM D-638 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature | 182 °C | 360 °F | |

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