

Axiall 19802 Wire & Cable Flexible PVC

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

Material Notes:

Clear, 105°C rated extrusion compound recommended for 1/32" wall jacketing. Also well suited for injection molding 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-19802-Wire-Cable-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.20 - 1.24 g/cc | 1.20 - 1.24 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--------------|-----------|----------------------|
| Hardness, Shore A | 77 - 83 | 77 - 83 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 17.2 MPa | 2500 psi | ASTM D-638 |
| Elongation at Yield | 400 % | 400 % | ASTM D-638 |
| 100% Modulus | 0.008446 GPa | 1.225 ksi | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|------------|
| Brittleness Temperature | -28.0 °C | -18.4 °F | ASTM D-746 |

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

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