

Axiall 2460F Plenum Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Plenum-grade optical fiber jacket. 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-2460F-Plenum-Flexible-PVC.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|------------|
| Specific Gravity | 1.54 - 1.58 g/cc | 1.54 - 1.58 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------|----------|--|
| Hardness, Shore D | 37 - 43 | 37 - 43 | delayed; ASTM D-2240 |
| Tensile Strength, Yield | 19.3 MPa | 2800 psi | ASTM D-638 |
| Elongation at Yield | 264 % | 264 % | Air Aging: 7 days @ 100°C; 75-mil plaques; UL 1581 |
| | 275 % | 275 % | ASTM D-638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|---------|------------|
| Brittleness Temperature | -10.0 °C | 14.0 °F | ASTM D-746 |
| Oxygen Index | 38 % | 38 % | ASTM D-638 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------------------|--------------------|----------|
| Dielectric Constant | 3.79 | 3.79 | |
| | @Frequency 1e+6 Hz | @Frequency 1e+6 Hz | |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature | 191 °C | 375 °F | |

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